

**The XMG, Inc. located in Secaucus is HIRING - Internship postings for NJ universities / colleges for recent graduates and students**

**See attached & Visit [www.thexmg.com](http://www.thexmg.com) for additional information.**

**Submit your resume via e-mail to: Ken Kemal - [ken@thexmg.com](mailto:ken@thexmg.com)**

**Office: 600 Meadowlands Parkway, #146A, Secaucus, NJ 07094**

## **Animator.**

Due to growth, we are recruiting an Animator for an already vibrant and energetic team.

### ***Typical Tasks:***

- create 2D/3D animations
- develop and prepare designs from preliminary concepts,
- operate computer-aided design (CAD) programs,
- check and verify design drawings conform to specifications and design data,
- make any necessary changes to the designs, drawings or specifications,

### ***Essential Skills:***

Our ideal candidate should have a great sense of creativity and attention to detail.

- A thorough knowledge of Maya, 3Ds Max or similar animation software,
- An understanding of physical motion, weight, balance, texture and form
- An understanding of rigs and typical rigging set-ups, animation pipelines and transferring data between tools
- The proven ability to work under pressure
- Being open to direction and able to embrace change
- Attention to detail
- Reliable, with good time keeping and the ability to meet deadlines
- Excellent organisation, communication and interpersonal skills
- A demonstrable commitment to creative collaboration within a team and with other departments
- Adaptability and the willingness to learn new processes and technical skills
- A working knowledge of Modeling, key frame animations, skeletal animations
- Knowledge of human and animal anatomy as well as life drawing skills

Candidate must possess at least a Bachelor's degree with 4 years of experience/study, or a Master's degree with 3 years of experience/study in Animation Courses.

The role is within a friendly team offering a challenging but rewarding environment.

Please apply to find out more.

## **Client Relationship Intern**

We are looking for motivated and committed Client relationship Intern. The Client Relationship Intern will maintain and develop client business relationships. They must ensure that clients are satisfied with the company and have an active interest in our services at all times.

### **Responsibilities:**

- Support business development and client relationship team on various management activities
- Building and maintaining relationships with new and existing clients
- Identifying and assessing clients needs to achieve satisfaction
- Provide accurate, valid and complete information by using the correct methods and tools

### **Requirements:**

- Open mindedness and willing to learn new things
- Strong communication and interpersonal skills
- Basic business acumen
- Excellent written and verbal communication skills
- Hard working with a strong work ethic
- Ability to plan and prioritize tasks and responsibilities
- Ability to collaborate and be a team player
- Ability to take direction
- Attention to detail

## **Creative writer needed!**

Due to growth, we are looking for a CREATIVE WRITER for already vibrant and energetic team - The successful candidate will be responsible for using the written word to express ideas or tell a story.

### **Primary responsibilities**

- Develop original content for fiction, nonfiction, and short stories.
- Use the written word to express story lines and ideas.
- Write content for magazines, trade journals, newsletters, and blogs.
- Develop scripted material for the Web and other communication devices.
- Conduct extensive research on various topics.
- Write outlines and rough drafts.
- Edit content for correct spelling and grammar.
- Perform extensive fact-checking.
- Maintain blogs to keep in touch with fans and readers.
- Marketing and distributing work

### **Key skills for writers**

- Thinking Creatively
- Vivid imagination and be able to handle criticism and rejection
- Ability to work independently and to promote themselves and their work.
- Perseverance
- Excellent written communication
- A good grasp of narrative
- Awareness of audiences

The role is within a friendly team offering a challenging but rewarding environment. This is a full time, in house position.

To apply, please submit your CV and a fantastic covering letter telling us why you'd be a great fit for the role. In addition we'd like you to submit the text for a short (250-300 words). This should either be a showcase of a piece of inspiring work, or a science fiction story.

## Engineering Inter

We are looking for engineer to join our research and development team. This opportunity will provide a tremendous learning and rapid growth within the business.

### Requirements:

- Strong proficiency in C++

### Qualifications:

- Basic understanding of C++
- Strong oral and written communication skills
- A collaborative mindset and ability to thrive in fast-paced environment
- Ability to solve problems quickly
- Attention to detail
- Bright, highly self-motivated and driven team player
- Ability to multi-task and stay organised in a dynamic work environment

## **Graphic Engine Developer Intern**

Due to growth, we are recruiting **Graphic Engine Developer intern** for an already vibrant and energetic team.

### ***Typical Tasks:***

- developing new features and effects for an existing engine.
- porting or redeveloping existing models, features and effects for a new engine.
- profiling and optimizing.
- gathering requirements and finding graphical solutions for new product ideas.
- creating special effects,
- creating and implementing asset pipelines
- creating, documenting and testing systems for animation, audio, memory and streaming features among other areas

### ***Essential Skills:***

The ideal applicant will be interested in graphical programming and work as part of our team to improve and optimise an existing engine. Our candidate should have in-depth knowledge of computer capabilities and programming languages.

Candidate must possess at least a Bachelor's degree with 4 years of experience/study, or a Master's degree with 3 years of experience/study in Computer Science or Computer Engineering.

Graphics development experience using DirectX or OpenGL and the knowledge of C/C++ is a must.

### ***Desirable:***

- an understanding of next-gen rendering techniques including deferred lighting/shading/shadowing, shader pipelines, special effects, particle systems & post processing techniques.
- a degree or equivalent in a relevant subject such as maths, computer science or software engineering.
- simulation/games development experience.
- 3D maths skills.
- commercial development experience

The role is within a friendly team offering a challenging but rewarding environment.

Please apply to find out more.

Due to growth, we are recruiting for an Assistant Accountant for already vibrant and energetic team  
- The successful candidate will keep the financial engine of an organisation ticking over. The candidate would need to have experience in:

- administering payrolls and controlling income and expenditure
- compiling and presenting financial statements
- providing tax planning services with reference to current legislation
- managing corporate Accounting
- PAYE taxes

What will you be doing:

- salary transfers
- ensuring timely delivery of money
- raising invoices
- processing & reporting expenses
- preparing company returns
- budgeting
- ad-hoc reporting

Applicant's skill set require to have strong Microsoft Office and Excel skills, as well as strong numerical, communication abilities. Would suit a proactive graduate who is looking for the next step in their career to gain accounting experience.

The role is within a friendly team offering a challenging but rewarding environment.  
The right candidate for this assistant accountant role will ideally be:

- Immediately available or on short notice
- Proficient in IT
- Actively studying towards an accounting qualification

## **Marketing Intern – Finance company**

We are dynamic, fast growing company residing One World Trade Center. We would like to welcome on board bright and enthusiastic individual seeking to gain an insight into the marketing function of Finance company. This role will provide valuable support for implementing a quality, successful marketing and advertising plan.

### **Responsibilities**

- 🎬 Develop and implement advertising plan
- 🎬 Develop and implement marketing strategies for specific products
- 🎬 Use own creativity to help with marketing communications, be independent
- 🎬 Support Events
- 🎬 Talk to the clients
- 🎬 Fund management and Flow management
- 🎬 Deploy app in the banks
- 🎬 Assist with presentations
- 🎬 Research
- 🎬 Other duties as assigned

### **Requirements**

- 🎬 Interest in technology, media
- 🎬 Attention to detail
- 🎬 Excellent team player
- 🎬 Good at researching
- 🎬 Eager to learn
- 🎬 Creativity and ability to work on own initiative and as part of the team
- 🎬 Meet deadlines

Students welcome!!

Please, send us your CV and short cover letter why would you like to work in marketing.

Interviews will be arranged ASAP. Please note: You must be eligible to live and work in the US to apply for this role.

My email address is: [info@xspaces.com](mailto:info@xspaces.com)



## **Marketing Intern Media company**

We are dynamic, fast growing company residing in One World Trade Center. We would like to welcome on board bright and enthusiastic individual seeking to gain an insight into the marketing function of Media company. This role will provide valuable support for implementing a quality, successful marketing and advertising plan.

### **Responsibilities**

- Develop and implement advertising plan
- Develop and implement marketing strategies for specific products
- Use own creativity to help with marketing communications
- Support Events
- To update and maintain Social media (Facebook, Twitter, ...)
- Assist with presentations
- Research
- Other duties as assigned

### **Requirements**

- Interest in technology, media
- Attention to detail
- Excellent team player
- Good at researching
- Eager to learn
- Creativity and ability to work on own initiative and as part of the team
- OpenGL
- C++
- experience developing 2D, 3D projects

Students welcome!!

Please, send us your CV and short cover letter why would you like to work in marketing.

Interviews will be arranged ASAP. Please note: You must be eligible to live and work in the US to apply for this role.

We are seeking exceptional and like-minded candidates to join our team in developing and expanding our proprietary technologies.

### **Main Responsibilities:**

The successful candidates would be working as part of a team to develop various AI solutions for our global clients. The main responsibilities include: writing enterprise-level code to implement NLP models, as well as pro-actively finding new methodologies to tackle various technical challenges.

### **Requirements**

To be considered for this position, applicants need to meet the qualifications listed in this posting:

### **Required Skills**

- 4+ years related professional work experience for applicants holding an MS OR 2+ years related professional work experience for applicants holding a PhD. Significant academic NLP development experience will be considered for strong applicants
- Advanced degree in Computational Linguistics, Computer Science, or other Computational discipline
- Expert programming skills with experience in object-oriented design and development
- Strength and experience with at least two of the following: C++, Java, Python
- Knowledge of the algorithms and techniques of a computational domain with emphasis on text processing, performance and scalability
- Oracle, SQL and NoSQL databases
- Experience with distributed systems
- Analytic mindset and attention to detail
- Strong understanding of Support Vector Machines and Neural Networks.
- Experience with WEKA, liblinear, libsvm, OpenNLP, CoreNLP or other machine learning and natural language processing libraries.

### **Desirable Skills**

- Web development skills
- Deep understanding of Machine Learning algorithms
- A demonstrated ability to function within a team and to handle a variety of tasks, whether independent or working from specifications
- Logical thinker and quick learner with strong problem solving and analytical ability

The successful candidate will have a strong background in (one of) Natural Language Processing, Artificial Intelligence (with an emphasis on text), Information Retrieval/Extraction and/or associated principles of knowledge representation and ontological design. Strong technical skills are required, as the successful candidate must be able to take an idea fully from vision through design to implementation.

# Intern Project Manager

## ***Job description***

The Project manager intern is responsible for the assisting of planning, management, coordination and financial control of a project.

The Project manager intern ensure the project is completed on time and within budget, that the project's objectives are met and that everyone else is doing their job properly.

Project manager intern oversee the project to ensure the desired result is achieved, the most efficient resources are used and the different interests involved are satisfied.

Depending on the project, responsibilities can cover all the aspects of a project from the beginning stages through to completion. Project manager intern will assist to lead by example.

## **Key skills**

- Organisational skills
- Analytical skills
- Well developed interpersonal skills
- Numeracy Skills
- Commercial awareness
- Communication skills
- Team-working skills
- Diplomacy
- Ability to motivate people
- Management and leadership skills

## **Responsibilities includes**

### **Business Plan**

- Market Opportunities – research, evaluation,
  - Competitor Analysis (Visual effects, Commercials)
  - Explore and propose updates/enhancements and new options
  - Recruiting Animators – help with Assets Database
  - **MARKETING** - responsible for developing and implementing a quality, well-rounded and successful marketing and advertising plan.
  - SWOT analysis
  - Other duties as assigned
-

## **Project plan**

- Agreeing project objectives
  - Product design, tailoring it to TV and movie companies
  - Providing advice on the management of projects
  - Recruiting specialists (after approved by director)
  - Organising the various professional people working on a project
  - Carrying out risk assessment
  - Making sure that all the aims of the project are met
  - Making sure the quality standards are met
  - Using IT system to keep track of people and progress
  - Monitoring tasks to ensure standards are met
  - Overseeing costing, billing and accounting
  - Other duties as assigned
-

We are seeking highly skilled, team oriented quant developer interns join the very dynamic, highly profitable firm.

### **Quant Developer Intern:**

**YOU:** Will have a computer science degree from a top tier university with a genuine passion for programming and tackling problems, the ability to help build bespoke trading systems and tools for, with some knowledge of C++ highly desired but not essential.

### **Requirements:**

- Python
- Knowledge of time series analysis / stochastic calculus / machine learning / data mining / code optimisation would be a plus
- C++

**The job entails quite a range of potential responsibilities depending on your abilities and the needs of the business.**

You may be required to:

- Implement trading strategies;
- Build tools and engines that improve our ability to analyse data;
- Work on complex computational and data-related problems and implement efficient and innovative solutions;
- Proactively develop tools to analyse data, models, and trading, and develop platform enhancements to improve the quality of our execution;
- Develop visualisations, and other analytics for live and experimental trading;
- Improve system component performance by orders of magnitudes by improving the underlying algorithms/ method of processing / identifying systems bottlenecks;
- Improve the accuracy of our trading simulator, analyse differences to actual trading, and then work to improve the correlation;
- Design extremely high-performance, highly-reliable and finely-tuned numeric computational programs and implement such models/algorithms in python and C++ language with production quality code;
- Monitor our trading system and fix production problems;

To do this effectively, you will need to be curious, intellectually honest, practical, purposeful, committed to high quality computer code and to apply clear judgement and critical thinking, as well as collaborate closely with others in the firm.

You will be joining a small team where your impact will be immediate and tangible and will be working with experienced finance professionals who will teach you the business. We are open to hearing your ideas and encourage you to make suggestions on any area that can be improved.

We aim to reward people on their contribution to firm performance including helping others.

We are seeking highly skilled, team oriented Quant Researcher Interns to join the very dynamic, highly profitable firm.

### **Quant Researcher Intern:**

The ideal Quant candidate will be highly proficient at researching data, pattern recognition and machine learning, statistics, econometrics or math. We will also accept recent PhD students from top university without any experience.

You will be a researcher or mathematician motivated by what's new to ensure you're always ahead of the curve. You will understand the need and importance of strong research and strong modelling.

Key experience I am looking for is data visualisation in a complex system environment as well as time series analysis and machine learning.

On a day to day you will:

- Working on your own strategy research
- Back Testing models
- Working with the development team to execute models.
- Execution
- Latency strategy Research
- Machine learning research
- Statistics/Econometrics research
- Market microstructure research

Quant Research Candidates MUST have: (the below also gives you an idea of stack)

- PhD in Maths Stats or Comp Sci from a top school MIT, Cornell, Stanford, Oxbridge, Imperial, UCL or global top 50 engineering school
- Good understanding of Stats and time series
- Understanding of relational and non-relational databases with or without using an ORM
- Matlab or R ideally
- C++ or Python
- Interest in quantitative problems

The environment is that of Facebook or Google, relaxed open with time to think and make the right decisions. The atmosphere is calm and relaxed with a business smart dress code. This is a role for scientists and those who are motivated by the sharp end of technology and the possibility of making serious money doing something you are passionate about.

## RISK Management Intern

We are looking for ambitious, self-motivated individuals with strong desire to learn risk management.

### Duties and responsibilities

- strong desire to learn the fundamentals in Risk Management
- Oversee and manage the development of appropriate project level risk assessment
- Implement proactive risk management
- Identify opportunities for increased efficiencies and improvements in risk management
- Contribute to the development of the financing risk management framework working to incorporate all relevant businesses and improve management reporting.
- Understanding and experience of risk methodology, documentation and capital treatment of derivatives and securities financing transactions.

### Requirements

- knowledge of programming language (C++, Python, ...)
- machine learning expertise preferred
- degree in relevant subjects
- eager to learn
- forward-looking and proactive thinker

Please, send us your CV.

Interviews will be arranged ASAP.



## **Technical Writer Internship**

As a Technical Writer Intern, you will create technical documentation for our clients and investors.

The Technical Writing Intern will create and track technical documents by working along side other members of the team. This candidate will have direct input to content the methods of creating the technical documentation necessary to understand and use our products

### **Requirements**

Must have strong verbal, written and interpersonal communications skills

Comfortable conducting research

Ability to learn new ideas quickly

Excellent organizational skills and attention to detail

Persistence and initiative to learning

Ability to work effectively