

Mock Technology Inc
SOFTWARE ENGINEER / Full Time Entry Level
Industry: High Tech - Information Technology

Company Description:

Job Function: Computer Systems Technology

Mock Technology Inc's Systems & Technology Group (STG) develops and implements a full range of technologies that power many of the region's information systems, including semiconductors, storage devices, and networking components. This role is positioned within STG in the Server division.

Duties & Responsibilities:

The Server division's Enterprise System Development group is looking for a Software Engineer for its operations in _____. In this role, you will develop electronic design automation (EDA) software for the design of logic chips. Working Knowledge of C++ (Computer Science) and a solid mathematical/EE background (MS level or equivalent) is required. Specifically, work involves developing applications in the area of timing analysis. Responsibilities range from requirements gathering to implementation and maintenance of the application. Activities to meet these responsibilities include conducting information-gathering discussions with customers, planning team's work, developing specifications for the software, creating high level designs, coding/implementing the design, developing test cases, testing, analyzing results, debugging the implementation, documenting its proper use, analyzing the reported defects, and taking corrective action. Other requirements include related work experience, very good communication skills (both verbal and written), ability to work on a team, and experience working with external customers. This is an Equal Employment Opportunity

Qualifications:

Duke master's and PhD candidates in the departments of **Electrical and Computer Engineering, Biomedical Engineering, Mechanical Engineering and Materials Science, Physics, Computer Science or Mathematics** may submit their resumes for the resume contest between February 1, 2006 and February 15 at midnight.

Contestants (up to 30) should substitute their Duke unique ID's for their names at the top of their resumes to ensure anonymous evaluations by the reviewers.

This position is located in _____. Competitive candidates will have an advanced degree in Computer Science and/or Electrical Engineering **or related disciplines** or equivalent experience. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex or national origin.

Contact:

Director, Systems Technology Group
Mock Technology Inc
110 Technology circle
Mock City, NC 99999
stg@mock.com

Resume Drop via Duke eRecruiting

Engineering Management Applicant

2023 Garrett Rd, Apt. F

Durham, NC 27707

ema@duke.edu

919-489-0006

Education

Duke University, Pratt School of Engineering, Durham, NC, May 2005

MEM, Master of Engineering Management

GRE: Quantitative 800, Verbal 580, Analytical Writing 5.0

Coursework: Financial Accounting, Marketing, Project Management, Operations Management, Management in High Tech Industry, Customer Relationship Management, Product Management, Team Training, Intellectual Property and Business Law, Entrepreneurship

Applied Management Projects:

- Implementing Radical Technology Change: a General Motors- supported course on business, law, engineering and public policy issues with a living case study of commercializing hydrogen cars. Conducted team research project titled "Managing the Supply Base Transition for Competitive Advantage." Won the first prize to present this project to GM executives.
- Industry Practicum: Assisted GlaxoSmithKline staff to implement RFID technology.
- Engineering Entrepreneurship: Evaluated early-stage technologies, identified their business opportunity and further developed a corresponding business plan.

Honors:

- People's Scholarship for overall high academic grades (received by top 1% of students)
- First prize for high grades in English & Higher Algebra
- Awarded prizes for winning shot put and javelin in university sports games

Beijing Institute of Technology (BIT), Beijing, China, July 2004

B.E of Electrical & Computer Engineering: Emphasis on Telecommunication

GPA: 3.4/4.0 (Top 3% of class)

Leadership Experience

Beijing Institute of Technology Electrical Engineering Department, Class President
Communicated between students and faculty and in charge of arranging diverse academic and recreational activities. Planned the visit to Lenovo, the biggest IT company in China, to help students obtain real world experience, which received great feedback.

Beijing Institute of Technology, Vice President of Student Union-- "The Youth in BIT"

Raised funds of \$7,000 in total, published student newspaper, and arranged various activities.

"The Seven," the first university skateboarding club in Beijing, Founder and President

Business Internship Experience

China Academy of Telecommunication Research, Beijing, China, Feb-June 2004

Designed "Call Quality Test System" in a 3-person team, which is now widely used to evaluate call quality of various domestic communication systems. Wrote thesis entitled "The application of the USB Interface in the Call Quality Test System."

Siemens Factory Automation Engineering Ltd, Beijing, China, July-Aug 2003

Assisted with bidding process for \$6,000,000 Guangzhou subway construction project.

Processed and tracked daily orders between domestic customers and Siemens German division. Conducted inventory survey to insure inventory availability and inspect the order processing rate. Improved the time of collecting bank purchase order by 25% and conducted customer survey to gain product and service feedback.

National TV Series, Beijing, China, Aug 2002

Coordinated the production process, including planning & implementing the television shooting schedule, and managing the employee work schedule.

DaDi Record Company, Beijing, China, Feb-Mar 2001

Conducted market research and provided recommendations for entering the college student market which later became the company's major strategy. Performed financial planning for new album production with a budget of \$20,000. Arranged promotional shows and music festivals at major universities in Beijing, which improved the company's popularity by 60% among college students who were target customers.

Skills: Computer: MS Office; MS Project; Crystal Ball; Adobe Acrobat & Photoshop; C++; assembly language

Languages: Mandarin (native); English (fluent); French/Japanese/Cantonese (basic)

Interests: Traveling and Taekwondo (Joined the university team)