

ANANTA UPRETY
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OBJECTIVE: To find full-time Software Development position

WORK EXPERIENCE:

Technology Analyst at Bank of America Merrill Lynch Feb 2013 – Present

- Developed tools for pricing, managing, and calculating trade risk exposure for natural gas traders as part of a team
- Developed trading tools in a globally distributed Python platform
- Developed GUI reports to show various trading scenarios
- Developed strategies to optimize deal pricing on the computation grid
- Wrote scripts to automate trade validation after migration
- Wrote test scripts to improve test coverage

Software R&D Intern at Halliburton Summer 2012

- Developed a Java plugin for DecisionSpace® Desktop, to visualize geological data
- Implemented a plugin for well bore data extraction with OOP design
- Used Java Swing for GUI, JDBC for database connectivity, and MVC design pattern
- Conducted team project using Agile Software Development practices

Undergraduate Research – Infolab, TAMU Spring 2012

- Researched ‘Detection of Adversarial Propaganda in Social Media’
- Implemented a Crawler and a Classifier in Python
- Used Twitter REST API and machine learning algorithms to detect propaganda

Undergraduate Research – Embedded Systems and Co-Design Lab Summer 2011

- Researched augmenting Natural User Interface using Embedded System
- Developed fully functional painting application utilizing Kinect and PSoC

EDUCATION:

Georgia Tech University, Aug 2015 - Present
M.S in Computer Science, Specialization in Machine Learning

Texas A&M University, College Station, TX Graduation: Dec 2012
B.S. in Computer Engineering GPA: 3.83/4.0

TECHNICAL SKILLS:

- Platforms: Microsoft Windows Vista/7, Android
- Languages: Python, C/C++, Java
- Database Experience: MySQL, JDBC, mongoDB
- Scripting Languages: HTML, Javascript, Ruby on Rails

AWARDS:

- Bank of America Global Recognition - Diamond Award Dec 2015
- Bank of America Global Recognition - Platinum Award Nov 2014
- Bank of America Global Recognition - Platinum Award Nov 2013

Work Authorization: Eligible for employment, H1-B Visa