Yan (Grace) Huo

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Objective
A full-time position related in software engineering

Education

Tufts University, Medford, MA
Master of Science in Computer Science, Jan 2017   GPA: 3.95
Post-Baccalaureate in Computer Science, May 2015   GPA: 4.00

University of Florida, Gainesville, FL
Master of Science in Chemistry, May 2014   GPA: 3.87

Intern Experience

Neusoft, Shenyang, China, June 2015-Aug 2015 (3 months)
Intern Software Developer, specialized for Android development
- Contributed to development of an education application for Android platform using Java
- Worked with server API's via REST and parsed JSON
- Developed graphical user interfaces

Academic Experience

Tufts University HCI lab, Medford, MA, March 2016-current
Research Assistant
- Developed an Android app to collect real-time EDA data through Empatica wristband

Tufts University, Medford, MA, Sep 2015-May 2016
Teaching Assistant
- For Courses "Database Systems" and "Algorithm"
- Reinforced complex concepts and guided students on problems about SQL and NoSQL systems like MongoDB, Redis, etc
- Did material review and provided assistance on design and analysis of algorithms

Related Projects

Only projects potentially related to the position
Web-based Incident Reporting Application
- Used Ruby on Rails framework and MySQL database
- Performed tests using Rspec
- Optimized static content using technics like expiry, content delivery network, gzip, etc
- Wrote RESTful APIs using Grape

Sentiment Analysis on Movie Review Data using Maximum Entropy Classifier
- Used Python to investigate how machine learning based MaxEnt classifier works in sentiment analysis.

Related Courses

Data Structures, Algorithms, Database Systems, Operating Systems, Web Engineering, Machine Learning, Human Computer Interaction

Skills

HTML, CSS, JavaScript, Java, Python, C++
AngularJS, Bootstrap, Ruby on Rails
RESTful API, JSON, SQL, MongoDB, Redis, Git, Android, Linux