Guanzhou "Joe" Xu

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Objective

Seeking an entry level position as a programmer/developer to further my career in a professional industry

Education

Bachelor of Science in Computer Science, May 2017
The University of Alabama, Tuscaloosa, AL
Cumulative GPA:3.55/4.00
Honors College
National Merit Scholar

Skills

Python, C, Java, Scheme, VHDL
Coursework in Microcomputers, Database, Operating Systems, Programming Languages, Computer Security, and Software Engineering
Fluent in Chinese

Work Experience

Computer Science Co-op
ADTRAN, Inc. at Huntsville, AL

3rd Term: Software Development Engineer, Summer 2016

- Performed pure software development – "Enablement" Software Platform
- Evaluated design solutions with team – modeling, trade-off analysis, prioritization, etc.
- Directed meetings advocating design solutions
- Pushed code now operating in the field

2nd Term: Embedded Software Engineer – Virtualization, Fall 2015

- Developed software associated with virtualization of optical/networking technologies
- Worked with packaging and code generation software
- Maintained and refactored large, legacy code base
- Modeled code using IETF standards

1st Term: Design Verification Test (DVT) Engineer. Spring 2015

- Participated in Agile work flow within a real professional environment
- Troubleshot and maintained network equipment test-beds
- Performed extensive unit-testing using industry level software (Selenium, Robot Framework, Pytest)
- Conducted independent research and development of utility software

Activities

Animal Shelter Volunteer at "The Ark", Huntsville, AL
SOS Brigade (Anime Convention Technician)

Hobbies

Sports (Watching Professional Sports)
Strategy Cards Games (Hearthstone, MTG, etc.)