Guanzhou "Joe" Xu

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Objective
University student with experience in programming and software. Currently, out to start a career and to make an impact. Meticulous about getting work done, but values the people and relationships fostered.

Education
Bachelor of Science in Computer Science, May 2017
The University of Alabama, Tuscaloosa, AL
Cumulative GPA:3.50/4.00
Honors College
National Merit Scholar

Skills
Python, C, Java
Linux Development Experience
Fluent in Chinese
Coursework in Android Applications, Databases, Software Engineering, Computer Security, Operating Systems, and Programming Languages

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

3rd Term: Software Development Engineer, Summer 2016

- Developed software – extended "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

Projects
Myriad (2016). A news summary app. Large focus on UX design. Extensive use of Node.js, CSS stylesheets, Jade, and HTML.

FlavorTown App (2016). A functioning food rating Android app designed for Senior Project. Includes use of Firebase Database and Google Services Maps.