Nathalie Tate
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Career Focus

Computer Science senior with strong problem solving skills seeking an internship or part-time employment to further develop software development and system administration skills.

Education

Bachelor's of Science, Computer Science; GPA 3.57
Oakland University, Rochester, MI; Expected graduation August 2018

Technical Skills

Programming Languages: Java, HTML, JavaScript, Perl, C/C++, Python, Bash, LaTeX, SQL, MIPS Assembly, R, Rails
Software Applications: MS Office, vim, Wireshark, Git, VirtualBox
Operating Systems: GNU/Linux, Windows 7-10
System Administration: Virtual Machine Installation/Configuration, Disk Partitioning, Files System Management, Peripheral/Driver Installation, User Account/Group Management

Projects

Sophomore Design Project – AceChat
- Developed cross-platform chat client using custom JSON protocol and WebSockets
- Assisted in developing chat server using custom JSON protocol and WebSockets
- Client written in HTML/JavaScript, Server written in Python
- Source code available at GitHub

Database Project
- Created scripts to generate and populate a MySQL database for a fictional shipping company
- Database is populated with 10000 procedurally generated test values
- Written in Perl
- Source code available at GitHub

Personal Website
- Created and maintained personal website
- Written in HTML/CSS
- Hosted on personal server, using the Nginx web server
- Source code available at GitHub