

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

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