

# Chris Opperwall

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## Education

**Cal Poly, San Luis Obispo, B.S. Computer Science**

*Sept. 2011 - June 2015*

### Coursework

Object-Oriented Programming  
Systems Programming  
Calculus

Data Structures/Alg. Analysis  
Computer Architecture  
Tech Writing

Computer Organization  
Physics  
Public Speaking

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## Computer Skills

**Languages:** C, Java, Assembly, JavaScript, HTML, CSS, SQL

**Applications/Tools/Frameworks:** Eclipse, Bash, Vim, Github, Git, Spring, jQuery

**OS:** Unix/Linux (CentOS, Fedora, Debian, Ubuntu), Windows

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## Experience

### Copart Inc.

*Summer 2013*

*Java Engineer Intern*

Worked with Spring Framework, Freemarker, HTML/CSS, and SQL to help create a web application to query a SQL database for vehicle information, and display the result in browser.

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## Projects

- Currently running a file, web, and media server on my Raspberry Pi. The Pi runs on a modified version of Debian (Raspian) and hosts my personal site and blog. Both sites make use of an apache2 server, php, and a local MySQL database.
- Measured the “Big O” efficiency of data structures and sorting algorithms in Java
- Built an LZW compression and decompression algorithm, and worked with Unix system calls such as fork, exec, threads, and binary I/O.

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## Leadership Experience

### Kappa Kappa Psi - Iota Pi Chapter

*Webmaster*

Maintaining and renovating the chapter website, wiki, and online services.

### Boy Scouts of America

*Assistant Senior Patrol Leader*

Collaborated with the Patrol Leader Council and Scoutmasters to plan events, and to determine the objectives and structure of each weekly meeting.

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## Honors

- 2009-2010 World Champion, Drum Corps International, Open Class - Concord Blue Devils “B”
- 2012 World Champion, Drum Corps International, World Class - Concord Blue Devils
- Boy Scouts of America: Life Scout Award
- Kappa Kappa Psi, National Honorary Fraternity for College Band Members