

## Technical Skills

### Proficient (2-3 years)

|                   |  |
|-------------------|--|
| <b>C</b>          | Experience from embedded projects and ADTs from classes. Have done OSdev with FreeBSD. My most comfortable language. |
| <b>Go</b>         | Biggest pet project currently under development with Go. Learned my way with Go fairly well by personal study.       |
| <b>JavaScript</b> | Self-taught in web development with Node.js using frameworks like Express and Koa.                                   |

### Experienced (1-2 years)

|               |   |
|---------------|---|
| <b>Python</b> | Occasional usage. Developed quarter-long class project with web2py. |
| <b>C++</b>    | Used in first CS class. First learned to use sockets with C++.      |
| <b>Java</b>   | Primarily used in classes. Have helped others get to grips with.    |

### Introductory (1 year or less)

**Lua Haskell Matlab Lisp SQL Assembly**

## Projects and Experience

### Notable Projects

|  |  |
|--|--|
| <b>Rain</b><br><a href="https://github.com/raindevteam/rain">github.com/raindevteam/rain</a><br>Rain seeks to be a user-module pluggable bot for Discord using websockets. | <b>ARDeTS</b><br><a href="https://github.com/wolfchase/ardets">github.com/wolfchase/ardets</a><br>ARDeTS is a development tool done as a quarter-long class project with web2py. |
| <b>Battle Boats</b><br>Battle Boats was a rendition of the game it names, done on two chipKIT Uno32s.  | <b>FreeBSD Modifications</b><br>Led a class team to modify FreeBSD's scheduling, paging and file system.   |

### Social Presence

**Github** [github.com/wolfchase](https://github.com/wolfchase)      **Linkedin** [linkedin.com/in/rvallada](https://linkedin.com/in/rvallada)

## Education

### Institutions

|  |                     |
|--|---------------------|
| <b>University of California, Santa Cruz</b><br>Anticipated Major: Computer Science | <b>2014-Present</b> |
| <b>Fresno City College</b><br>Associate of Arts in Interdisciplinary Science       | <b>2009-2014</b>    |

### Relevant Courses (UCSC)

#### [CMPS 183 Web Applications](#)

Introduces the design of web applications. Students are exposed to involved technologies such as Vue.js, web2py and SQL.

#### [CMPS 111 Operating Systems](#)

The design of operating systems is discussed in this class, with a considerable effort of coding practice as students modify the FreeBSD kernel.