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Technical Skills

Proficient

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

Experienced

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

Introductory

Lua   Haskell   Matlab   Lisp   SQL   Assembly

Projects and Experience

Notable Projects

Rain	**ARDeTS**
github.com/raindevteam/rain	github.com/wolfchase/ardets
Rain seeks to create a user-module pluggable bot for Discord using RPC.	ARDeTS is a development tool done as a quarter-long class project with web2py.
Battle Boats	**FreeBSD**
Battle Boats was a rendition of the game it names, done on two chipKIT Uno32s.	Worked in a class team to modify FreeBSD's scheduling, paging and file system.

Social Presence

Github github.com/wolfchase	**Linkedin** linkedin.com/in/rvallada

Education

Institutions

University of California, Santa Cruz Anticipated Major: Computer Science	**2014-Present**
Fresno City College Associate of Arts in Interdisciplinary Science	**2009-2014**

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, however there is still a considerable effort of coding practice as students modify the FreeBSD kernel.