

Ryan Adam McCrory

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*Aiming to gain experience in the Tech Industry
while pursuing my degree in Computer Science*

LinkedIn: <https://www.linkedin.com/in/ryan-mccrory->

GitHub: <https://github.com/ryanmccrory>

Education

Bachelors of Science in Computer Science

- ❖ University of California, Santa Cruz
- ❖ Laguna Creek High School (LCHS)
 - Graduated with Honors and a 4.25 GPA

June 2020

May 25, 2016

Relevant Coursework

Intro Computer Science

Intro to Programming (accelerated)

Intro to Data Structures

Abstract Data Types

Analysis of Algorithms

Computational Models

Intro to Networking

Business Information Systems

Computer Assembly Language

Computer Architecture

Comparative Programming

Advanced Programming

Calculus

Integral Calculus

Vector Calculus

Linear Algebra

Applied Discrete Math

Probability / Statistics

Skills

Java, C, C++, Unix, MySQL, Scheme, Ocaml, Smalltalk, Perl, Prolog, Microsoft Office, Algorithm Analysis

Projects

Client / Server Application in C++

- ❖ Implementation of a client/server application using sockets. A daemon (cixd) listens on a socket for client connection requests. Each connection causes the server to fork a child process to serve the client. The daemon runs in an infinite loop listening.
- ❖ The server exits when the client disconnects. A client (cix) connects to a server and can send files, receive files, and get a summary listing of all files present.

Flight Itinerary In Prolog

- ❖ This program uses two databases, one of airports and their latitudes and longitudes, and one of flight schedules for these airports
- ❖ Given a request to travel from one city to another, it prints out the flight schedule (departure airport, arrival airport, city name, and time) for each leg of the trip

Extra Curricular

Camp Counselor - Camp Kesem

February 2019 - Present

- ❖ Help provide a free, week long summer camp for local kids who have been affected by a parent's cancer

Fundraising Chairman

2017-2018

- ❖ Work with other organizations on campus as well as local businesses
- ❖ Organize and execute fundraising events to benefit the chapter