

AARON CHU

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Education

University of California, Santa Cruz

Bachelor of Arts: Business Management Economics w/ Accounting Emphasis

- **Cumulative/Major GPA:** 3.7 / 3.8
- **Honors:** Cum Laude, Dean's Honor Roll, Economics Department Honors

Santa Cruz, California

Graduated: June 2013

City College of San Francisco

Software Engineering – Customized Curriculum

- **Cumulative GPA:** 4.0
- **Coursework:**
 - CS 177 – Software Engineering (*Completed*)
 - CS 111C – Data Structures & Algorithm: Java (*Completed*)
 - CS 211S – Advance Java: Standard Edition (*Completed*)
 - CS 111B – Programming Fundamentals: Java (*Completed*)
 - CS 111A – Intro to Programming: Java (*Completed*)
 - CS 155A – MySQL Databases (*Completed*)
 - CNIT 132 – Intermediate HTML and CSS (*Completed*)
 - CS 160A – Introduction to Unix/Linux (*Completed*)
 - CS 160B – Unix/Linux Shell Scripting (*In Progress*)
 - CS 131B – Intermediate Python (*In Progress*)
 - CS 197P – Technical Interview Preparation (*In Progress*)
- **Udemy:**
 - React.js - Mastering React (*In Progress*)
 - Node.js - The Complete Node Course (*In Progress*)
 - JS - JavaScript Basics for Beginners (*Completed*)

San Francisco, California

August 2018 - Current

Technical Knowledge

- **Languages/ Version Control:** Java, Python, Unix/Bash, UML, Git, SQL
- **Web Development:** React, Node, Express, Socket.io, Heroku, HTML/CSS, Javascript
- **Database:** MySQL, MongoDB
- **Principles/Concepts:** OOP (Inheritance vs. Composition, Polymorphism, Interfaces, Abstract class, Encapsulation), REST API, Design Patterns (Strategy, MVC, Builder, Factory), Exception Handling, Generics, Recursion, Dynamic Programming, Multi-threading, Unit Testing

Professional Experience

• Projects – www.github.com/aaronchu415

- Web App – Cards Against Humanity (JavaScript, Node, Express, Socket.io, MongoDB)
 - Full Stack Online Multiplayer Game - User authentication; dynamic rendering using Socket.io and JS
- Java - MVC Car App (OOP Design, JavaFx)
 - Simple desktop application with JavaFX and MVC design pattern
- Python - Quant Trading Algorithm (Quantopian, Zipline, Pandas, NumPy)
 - Automated Trading Algorithm with deployment to Interactive Brokers
- Python - Hamilton Lottery Bot (PyAutoGUI)
 - Automate data entry into the Hamilton lottery website

• Online Resources:

- Stanford: CS 106A – Programming Methodology
- MIT 6.00: Introduction to Computer Science and Programming
- MIT 6.006: Introduction to Algorithms

Redmile Group LLC

Senior Fund Accountant

San Francisco, California

July 2016 – August 2018

- Managed all accounting and operations functions for 5 hedge funds, 3 managed accounts, and 3 venture capital funds with assets totaling over \$3.5 billion.
- Coordinated & managed two fund administrator teams. Ensured completion of month-end close process within deadlines
- Hedge Funds complexity includes hundreds of side pocket investments, multiple class structures and complex side letters arrangements. VC funds complexity includes multiple closes & private company transactions, and non-standard PL allocations
- Owned data operation processes involving data manipulation and analysis for front office teams, marketing teams, investor's presentations, complex private investment IRR (Internal Rate of Return) calculations for front office, DDQ data request and other ad hoc investment manager data pulls.