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EDUCATION

Cornell University, College of Engineering, Ithaca, NY
Bachelor of Science in Computer Science, Business Minor
Cumulative GPA: 3.579

May 2022

Relevant Courses: CS 1110 Intro to Computing Using Python • CS 1998 Intro to Backend Development • ENGRI 1240 Computing Tech Inside Your Smartphone • CS 2024 C++ Programming • CS 2110 OOP and Data Structures • ECE 2300 Digital Logic & Computer Organization • CS 3110 Functional Programming & Data Structures • CS 2300 Intermediate Design and Programming for the Web • CS 2800 Discrete Structures • CS 2850 Networks • CS 3410 Computer System Organization and Programming • CS 4110 Programming Languages & Logics • ORIE 4152 Entrepreneurship for Engineers • CS 4320 Intro to Database Systems • CS 4410 Operating Systems • CS 4620 Computer Graphics I • CS 4820 Intro. Analysis of Algorithms • AEM 4630 Asset Pricing & Wealth Management • AEM 4660 Business Simulation • AEM 4670 Investments • CS 4700 Foundations of Artificial Intelligence • CS 4701 Practicum in Artificial Intelligence • AEM 5241 Finance • NCC 5500 Financial Accounting

RELEVANT EXPERIENCE

Software Engineer I, J.P. Morgan Chase, Jersey City, NJ

July 2022 – Present

- Full stack development work on a high-paced team focused on portfolio management trading applications.

Cryptocurrency/Blockchain Enthusiast, Ithaca, NY

February 2019 – Present

- Built a Java application that incorporates a neural network model developed using PyTorch to predict a best trading action for select cryptocurrencies: buy, sell, or hold.
- Investing in cryptocurrencies both short term and long term, employing technical analysis for short-term trading and long-term decisions. Have grown my investment portfolio ~14 fold.

R&D Member, Cornell Blockchain, Ithaca, NY

February 2020 – January 2022

- Researched and presented in hosted seminars on different technologies within the blockchain space.

iOS Intern, GrowSquares, New York, NY

June 2019 – August 2019

- Worked with backend developers, data scientists, designers, another iOS developer to develop GrowSquares' iOS app. This app allows users to build their own garden based on smart plant recommendations. The app then instructs the user when to water their plants and how to optimize yields.

iOS Developer, CornellAppDevelopment, Ithaca, NY

October 2018 – August 2020

- Integrated and maintained several UI elements of Eatery – an app for viewing dining hall live menus that has 5500+ monthly active users.

Teacher Assistant, Intro to iOS Programming, CornellAppDevelopment, Ithaca, NY

February 2019 – May 2019

- Held weekly office hours and graded student's weekly projects for a course with 110 students.

iOS Developer, MeepLabs, Based in NYC, NY

February 2018 – May 2019

- Developed the front-end for XClub – an app for buying deals in bundles for specific events and entertainment
- Helped manage backend developers and designers

Java Developer and System Administration, MeepCraft, Based in New York, NY

August 2014 – August 2016

- Developed over 30 plugins for what used to be the world's biggest Minecraft server – MeepCraft – with over 1000 active players at any given time. Plugins included game integrations such as laser shooter games, Hunger Games, etc, amongst player management plugins.
- System administration managing multiple servers.

Teacher for course on Minecraft Server Creation, Escazú, Costa Rica

January 2016 – June 2016

- Taught weekly course to 15 middle school students on how to create multiplayer Minecraft servers and basic Java programming for making server plugins.

Owner, HungerCrafters & Hyperbian Minecraft Server, Escazú, Costa Rica

June 2012 – May 2014

- Managed a team of over 20 staff members that overlooked server operations.
- Integrated frameworks for players to purchase in-game perks on the server's website and use them in game.
- Developed nearly 50 game and management plugins.
- Earned around \$50,000 in revenue and \$40,000 in profit from such operations.

SPECIALIZED SKILLS

Languages/Technologies: Swift, Java, Python, C, C++, OCaml, HTML, CSS, PHP, SQL, JS, NodeJS, React, SpringBoot, Kafka