

School Address:

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Permanent Address:

Condominio Roble Sabana, Apt 10
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EDUCATION

Cornell University, College of Engineering, Ithaca, NY
Bachelor of Science in Computer Science, Business Minor
Cumulative GPA: 3.495

Expected May 2022

Spring 2021 Courses: CS 3152 Intro. Game Architecture • CS 4820 Intro. Analysis of Algorithms • AEM 2241 Finance • ORIE 4152 Entrepreneurship for Engineers • PHIL 2410 Ethics

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 • 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 4320 Intro to Database Systems • CS 4410 Operating Systems • CS 4620 Computer Graphics I • CS 4700 Foundations of Artificial Intelligence • CS 4701 Practicum in Artificial Intelligence

RELEVANT EXPERIENCE

R&D Member, Cornell Blockchain, Ithaca, NY

February 2020 – Present

- Working on building a proof of payment system using blockchain technology.

Cryptocurrency/Blockchain Enthusiast, Ithaca, NY

February 2019 – Present

- Investing in cryptocurrencies both short term and long term, employing technical analysis for short-term trading and long-term decisions.
- Built a Java application that incorporates a neural network model developed using PyTorch to predict a best trading action: buy, sell, or hold.
- Most recently, been self-learning Solidity in order to develop decentralized applications built on smart contracts for deployment on the Ethereum blockchain.

iOS Intern, GrowSquares, New York, NY

June 2019 – August 2019

- Working 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 halls and their current 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 to manage multiple servers that could be accessed via one IP address.

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, ReactJS, Solidity, Blockchain tech

Applications: Xcode, Visual Studio Code, IntelliJ, Sketch, Adobe Photoshop, Shell