

Kevin Ho

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EDUCATION

Fordham University

Bachelor of Science in Computer Science
Dean's List (2016, 2017 and 2018)

GPA: 3.9/4.0

Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming (C++), Operating Systems, Computer Organization, Software Engineering, Database Systems, Theory of Computation, Machine Learning, Data Communications and Networks, Discrete Structures, Unix Systems Programming, Secure Cyber Networks, Introduction to Computer Science (C++)

Activities: Vice President of the Computer Science Society

Expected May 2019

Fullstack Academy of Code

Immersive web development bootcamp utilizing the NERDS stack (Node.js, Express, React, Databases using SQL)

August 2018

TECHNICAL SKILLS

Proficient: C++, JavaScript, Node.js, React, Express, Sequelize, Redux, SQL, PostgreSQL, HTML, CSS, JQuery, Unix

Knowledgeable: Git, Agile, Jasmine, Mocha, Chai, Enzyme, MySQL, Tessel.io, Bootstrap, Semantic UI, Flexbox, Vim

Some Experience: Java, Python, Solidity, Visual Basic, Heroku, Travis CI, OAuth, Webpack, Socket.io, Truffle, Ganache

PROJECTS

Ripe Apples | Developer | **Website:** <http://www.ripe-apples.com/>

A website that aggregates restaurant reviews from multiple sites (Yelp, Zomato, Google and Foursquare) into a single score

- Implemented pagination to optimize page loading time by managing the current page in Redux and using Semantic UI React
- Programmed the filtering of restaurants and having the filters persist when navigating to different React components in JavaScript
- Scraped and standardized data from the Yelp, Zomato, Google and Foursquare APIs using JavaScript

CryptoLoot | Developer | **GitHub:** <https://github.com/kevinho6/CryptoLoot>

A meme exchange built on the Ethereum blockchain that allows for digital ownership of memes through opening loot boxes

- Created a smart contract in Solidity to allow for the digital ownership of memes by attaching public addresses to meme objects
- Utilized Truffle and Ganache for compiling and testing smart contracts and for deploying CryptoLoot on a personal blockchain
- Integrated Web3.js allowing for users to use MetaMask to sign the transactions for digital ownership

The Rick and Morty Store | Developer | **Website:** <http://rickandmortystore.herokuapp.com/>

An e-commerce website for purchasing digital characters from the hit TV show Rick and Morty

- Created the searching and sorting functionality in JavaScript for the filtering of products
- Implemented the communication protocol between the state in React and the backend route processing in Express
- Scaled the application by reducing the amount of database requests to PostgreSQL and utilizing local storage in React

CryptoKnight | Developer | **GitHub:** <https://github.com/kevinho6/CryptoKnight>

A cryptocurrency trading simulator with real-time market data, news and an algorithmic price predictor

- Parsed data from news and cryptocurrency APIs using Bash and presented the live data to the user
- Created the algorithmic cryptocurrency price predictor and advisor in Bash based on real-time market data
- Implemented persistent account data and analytics allowing users to log into their accounts and track their performance

WORK EXPERIENCE

Fordham University

Teaching Assistant (Computer Science I & II)

Computer Science Tutor

New York, NY

September 2018 – Present

September 2018 – December 2018

- Taught students programming topics ranging from programming basics to data structures and algorithms
- Helped students develop good programming practices by encouraging comments, test cases and continuous refactoring
- Assisted students with debugging their programs by walking through their logic and identifying the bugs in their code

BlackRock

Intern

Summer Intern

Summer Intern

New York, NY

January 2018 – April 2018

June 2017 – August 2017

June 2016 – August 2016

- Implemented a Naïve Bayes natural language processing model using Python, Pandas and Scikit-Learn with an accuracy of 77% to classify the team's dashboard tasks automatically, saving hours daily and reducing the amount of errors in categorizing tasks
- Automated contractual client service expectations by programming macros that analyze, format and deliver data to follow our clients' legacy systems specifications using Visual Basic for Applications, saving over 100 hours each month
- Created an electronic filesystem for the documentation of thousands of client accounts by creating a Windows PowerShell script