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MICHAEL MCMANUS

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EMPLOYMENT

Fullstack Academy of Code, *Software Engineer Fellow* — **Dec 2019 – Present**

- Working in an Agile engineering team for maintenance and product enhancement of internal website.
- Debug, mentor and teach concepts and best practices to over 45 students.
- Administer technical interviews for prospective students 2 times weekly, in JavaScript, Ruby and Python.
- Manage 3 student group projects from ideation to deployment as team manager, technical mentor and code reviewer.

BrightCode, *Instructor* — **Mar 2020 - Present**

- Teaching and leading individual code-along sessions for remote and in person class sessions each week.
- Topics include advanced JavaScript, React, Sass, TDD, full stack web application lifecycle.

EDUCATION

Fullstack Academy of Code, *New York, NY* — **July 2019 – Dec 2019**

- Software Engineering Bootcamp
- **Coursework:** Web Development, React, Redux, NodeJS, SQL, Agile Development, Unit Testing, Integration Testing

CodePath Inc, *New York, NY* — **Jan 2019 – May 2019**

- Software Engineering Course
- **Coursework:** Swift, XCode, Objective-C, Firebase, Parse, REST API Design

Baruch College, *New York, NY* — **Sep 2015 – May 2019**

- Bachelor of Business Administration (BBA) in Computer and Information Systems, In-major GPA: 3.6
- **Coursework**: Web Development, Object Oriented Programming, Database Management, Cybersecurity, Project Management, Applied Calculus in Business

TECHNICAL EXPERIENCE

Stock Sim | https://sim-stock.herokuapp.com | GitHub — **Mar 2020**

- Full stack web application that allows users to purchase public stocks using the IEX Cloud API.
- Implemented minute-by-minute price and percent change updates for any stocks showing on screen.
- Built user authentication using Node and PostgreSQL and secured user data by hashing password entries.
- **Technologies:** React, Redux, NodeJS, PostgreSQL, IEX Cloud API

Try Catch | https://try-catch.app | GitHub — **Dec 2019**

- Developed a dating app tailored for users working in the tech industry with the ability to chat in real-time.
- Added PWA functionality and responsive design to behave like a mobile app.
- Implemented a matching algorithm in JavaScript to connect users based on location, age preference and coding language.
- **Technologies:** React, Redux, Express, Firebase, Chai/Mocha

Crowdify | GitHub — **Nov 2019**

- Created a full stack PWA that lets users suggest and vote on what songs to play next at an event.
- Integrated the Spotify API to allow users to create a custom playlist that other users can add songs to.
- Built a search feature to find songs by artist, title or album using the Spotify API's searching algorithm.
- **Technologies:** React, Redux, Express, NodeJS, Spotify API

NutriQ | GitHub — **Apr 2019**

- Built a meal planner iOS application in Swift that generates a custom meal plan based on users' fitness goals.
- Worked in tandem with 2 developers using Agile Methodology to implement user stories such as creating a profile, selecting fitness goals, and viewing meals.
- Won 3rd place for Best Product Idea at CodePath annual demo day.
- **Technologies:** XCode, Swift 5, Objective-C, Firebase, Spoonacular REST API

ACTIVITIES

ISACA Cybersecurity Club, *Executive Director of Outreach* — **Dec 2018 – May 2019**

- Conducted outreach to over 25 tech industry professionals to appear at club events.
- Coordinated logistics for campus events by employing analytical skills, over 100 members in attendance.

LANGUAGES AND TECHNOLOGIES

JavaScript, React, NodeJS, Express, SQL, Redux, HTML, CSS, Chai/Mocha, Jest, Git, PostgreSQL, Firebase, Swift, Objective-C