Ariel Ahdoot

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EDUCATION

Fullstack Academy, *Software Engineering Immersive* — May 2019
Bachelor of Science in Computer Science, *Minor in Mathematics, Rutgers University, GPA: 3.55* — May 2017
Coursework: Algorithms, Artificial Intelligence, Data Structures, Database Systems, Discrete Structures, Distributed Systems, Formal Lang and Automata Theory, Internet Technology, Linear Optimization, Operating Systems Design, Principles of Programming Languages, Probability Theory, Systems Programming
Awards and Scholarships: Scarlet Scholarship, Phi Beta Kappa Honor Society, University Honors

SKILLS

Proficient: JavaScript, Java, Node.js, Express, React, Redux, Sequelize, Git/GitHub, HTML, CSS
Knowledgeable: C, SQL, PostgreSQL, Socket.io, Heroku, Linux
Familiar: Python, Ruby, Webpack, AWS, MySQL, OAuth, Passport.js
Tools: Git, GitHub, Travis, TDD (Mocha, Chai, Jasmine, JUnit), Visual Studio Code, Slack, Eclipse, MySQL-Workbench

PROJECTS

Timey, *Fullstack Web Application - Capstone Project* — -

- Project task board with enhanced features including ticket timers, auto generated timesheets, and graphical data representations of a user's time allocation
- Users on the same projects will see real-time updates to tickets (adding, removing, editing, dragging and dropping) through sockets.
- Technologies: **Node/Express**, **React/Redux**, **PostgreSQL**, **Sequelize**, **Socket.io**, **D3.js**, **reactstrap**, **OAuth**
- GitHub: https://github.com/green-echo/timetracker

Grace Shredder, *Fullstack Web Application* — -

- A full stack, JavaScript e-commerce site for instruments. Can handle both logged in and guest users, manage their carts, and allow them to check out via Stripe. Keeps records of users, products, and past orders via database.
- Technologies: **Node/Express**, **React/Redux**, **PostgreSQL**, **Sequelize**, **OAuth**, **Passport**, **Stripe**, **React-Bootstrap**
- GitHub: https://github.com/copperfinch-gsh/grace-shopper

IllumiNation, *Academic Project - Web Application* — -

- With a partner, implemented a Java application where a user can input one or more states and one or more external variables (income level, unemployment rate, etc.) and receive single state information or state-by-state comparisons regarding gun control/gun violence for each state
- Technologies: **Java**, **HTML**, **SQL**, **MySQL**-**Workbench**, **JavaServerPages**, **Eclipse**, **Amazon EC2/RDS**
- GitHub: https://github.com/AAAhdoot/IllumiNation

EXPERIENCE

Software Engineering Teaching Fellow, *Fullstack Academy of Code* — May 2019 - Present

- Offered competitive fellowship to mentor 50+ immersive software engineering students
- Mentored and held reviews for students on Express, Sequelize, React, Redux and Node concepts
- Acted as a mentor, project manager, and code reviewer for project teams of 3-4 students
- Participated in teaching algorithms, whiteboard problem solving, and full stack data flow
- Conducted technical interviews of prospective students, assessing programming and problem-solving skills

Instructor, *Mathnasium* — January 2018 - February 2019

- Taught mathematics to students of ages ranging from elementary to high school
- Collaborated with other instructors to each individual students and groups of students effectively
- Broke down difficult mathematical concepts into understandable terms in order to communicate them to students
- Updated workout plans for each student