

Ariel Ahdoot

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EDUCATION

Fullstack Academy, Software Engineering Immersive
Bachelor of Science in Computer Science, Rutgers University, GPA: 3.55

January 2019 - May 2019
May 2017

- Minor in Mathematics

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, PostgreSQL, Socket.io, Heroku, Linux, OAuth, Passport.js

Familiar: Python, Ruby, Webpack, AWS

Tools: Git, GitHub, Travis, TDD (Mocha, Chai, Jasmine, JUnit), Visual Studio Code, Slack, Eclipse

PROJECTS

Timey, Progressive 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 an 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: **HTML, SQL, MySQL Workbench, JavaServerPages, Eclipse, Amazon EC2/RDS**
- GitHub: <https://github.com/AAAhdoot/IllumiNation>

Tweets Against Humanity, Fullstack Web Application - Stackathon Project -

- Implementation of the famous card game Cards Against Humanity, where the cards that can be submitted consist of funny celebrity quotes/tweets. Can handle multiple players through the use of sockets.
- Technologies: **Node/Express, React/Redux, PostgreSQL, Sequelize, Socket.io, SemanticUI**
- GitHub: <https://github.com/AAAhdoot/tweetsagainsthumanity>

EXPERIENCE

Instructor, Mathnasium

January 2018 - February 2019

- Taught mathematics to students of ages ranging from elementary to high school
- Collaborated with other instructors to teach 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