

Ethan Weiss

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[github](#) | [linkedin](#)

EDUCATION

Bachelor of Arts- Psychology

Boston University (2020-2021)

University of Massachusetts, Amherst (2017-2019)

Sep 2017 - May 2021

Boston, MA

Amherst, MA

SKILLS

Programming Languages JavaScript | Python

Technologies React.js | Node.js | Express.js | MongoDB/Mongoose.js | HTML | CSS | Sass/SCSS

EXPERIENCE

Arkival Technology

October 2022 - Present

Junior Software Developer

Nashua, NH

- Developed Command Line Interface tools using Node.js to expedite transmission of data received from Vibrating Sample Magnetometer machines.
- Implemented Python within the OriginPro data analysis software to automate the production of advanced analytics, considerably improving the visualization of magnetic fields on customer-facing reports.

Cabot Corporation

Oct 2021 - Sep 2022

Operations Assistant

Boston, MA

- Oversaw and managed daily operations within the Cabot corporate headquarters.
- Managed five employees to ensure completion of long-term projects in a timely manner. I also monitored IT and facilities issues as they arose, assigning duties accordingly to minimize disruptions.
- Coordinated with upper management to discuss long-term goals for the workspace, and strategies for how to implement said changes.

Lexia Learning

June 2020 - August 2020

Summer Intern

Concord, MA

- Developed Command Line Interface tools using Node.js to expedite transmission of data received from Vibrating Sample Magnetometer machines.
- Implemented Python within the OriginPro data analysis software to automate the production of advanced analytics, considerably improving the visualization of magnetic fields on customer-facing reports.

NOTABLE PROJECTS

MyTinerary Travel App

Oct 2022 - Dec 2022

Full Stack Developer

Melrose, MA

- Independently built an algorithmically-based travel planning app, utilizing a bespoke algorithm to generate a road trip between user-selected waypoints. miTinerary produces a route connecting specified destinations with mediary stops, generated in accordance with user-stated preferences.
- React frontend implements an intuitive and responsive display, allowing users to easily navigate between cities, view trip on map, and explore attractions at each stop. Users are able to save, edit, and revisit trips through use of Mongoose Database connected to Express Rest API.
- Integrated Hashing and Salting Encryption process to protect user data. For ease of user experience, I also implemented cookie-parsing middleware, allowing users to continue sessions without needing to sign in multiple times.

Pokedex Web App

Jul 2022 - Oct 2022

Full Stack Developer

Melrose, MA

- Developed a digital version of the Pokemon video games' character index. Through the use of a responsive React frontend, users can explore detailed information for over one thousand pokemon.
- Created an Express-based backend to collect and organize information. Implemented recursion based
- Test-driven development of all back-end endpoints using JUnit testing. The back-end was deployed on a Tomcat server.

PUBLICATIONS

- **John Doe** and FirstName LastName, "Super Awesome Modification for UAV Control Systems," 2020 International Conference on Super Cool Stuff (ICSCS), Paris, France.