Gili Cohen

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EDUCATION

NORTHEASTERN UNIVERSITY | *BOSTON, MA*   SEP 2022-MAY 2026
B.S Computer Science and Design

- GPA: 3.81/4.0
- Honors/Awards: Dean's List, Dean's Scholarship
- Relevant Coursework: Object Oriented Design, Algorithms & Data, Foundations of Data Science

EXPERIENCE

SYTH | SOFTWARE RESEARCH ASSISTANT | *BOSTON, MA*   SEP 2023-PRESENT

- Conducting comprehensive research and analysis to identify potential use cases and limitations of AI-powered code autocompletion in software development using Python and leveraging the OpenAI API
- Enhanced query-response accuracy by a system of classes and decorators which appends specs and tests to query
- Assessing synth viability and accuracy by developing code designs of varying complexities in the environment
- Collaborating with faculty members to develop an assignment aimed at enhancing design thinking skills for introductory computer science students through the utilization of Synth

TAMID CONSULTING GROUP | SOFTWARE PROJECT MANAGER | *BOSTON, MA*   JUNE 2023-PRESENT

- Leading a cross-functional team of six developers to successfully execute a full stack project aimed at optimizing the organization's recruitment process
- Orchestrated data cleaning, analysis, and database management to store and maintain evolving recruitment data
- Utilized modern web development technologies such as Node.js and React to create an intuitive and responsive dashboard interface, enhancing user experience and accessibility

INVICTUSS | FRONT-END DEVELOPER & DESIGN LEAD | *BOSTON, MA*   DEC 2022-APR 2023

- Spearheaded a team of 5 designers to create low, mid, and high fidelity wireframes and prototypes
- Utilized Figma to implement user-centered design principles that create an intuitive and visually compelling user interface aimed to enhance user engagement and drive business growth
- Used React and Tailwind CSS to design and develop a responsive website from scratch implementing search optimization and ensuring a seamless user experience

PROJECTS

BATTLESHIP AI BOT | JAVA DESKTOP APPLICATION   JUNE 2023

- Engineered a command-line Battleship game with socket connections, incorporating a proxy controller for seamless multiplayer interactions and introducing a challenging AI bot for solo play.
- Implemented the Model-View-Controller (MVC) pattern, enhancing code modularity for improved maintainability.
- Optimized testing processes by leveraging JSONs to seamlessly serialize fixture data and mock external responses.

HOUSING MARKET PREDICTIVE MODEL | PYTHON APPLICATION   NOVEMBER 2023

- Trained a Machine Learning model to predict housing prices based on changes in stock market trends over time
- Preformed EDA and handled 2 decades worth of data using NumPy and pandas libraries
- Tested 3 different models such as random forests, decision trees, and polynomial regression using Scikit-learn

ADDITIONAL SKILLS

Computer: Python, Java, Javascript, HTML, CSS, React, SQL, LaTeX, Tailwind, Excel