

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, Database Design, Networks and Distributed Systems, Foundations of Data Science, Mathematics of Data Models

EXPERIENCE

SYTH | BOSTON, MA

SEP 2023-PRESENT

Software Research Assistant

- Researched potential use-cases and limitations of AI-driven code autocompletion using Python and OpenAI API
- Enhanced query-response accuracy by a system of classes and decorators which appends specs and tests to query
- Collaborating with professors to develop an assignment enhancing design thinking skills for CS students using Synth

TAMID CONSULTING GROUP | BOSTON, MA

JUN 2023-PRESENT

Software Project Manager

- Led a full-stack team of 6 developers to execute a dashboard aimed at optimizing TAMID's recruitment process
- Orchestrated data cleaning, analysis, and database management to store and maintain evolving recruitment data
- Utilized Node.js and React to create an intuitive and responsive dashboard interface, enhancing UX and accessibility

AUPAIR | PARMA, ITALY

JUL 2023-AUG 2023

- Adapted to diverse household routines in a foreign language while traveling with the family and looking after kids
- Instructed English and math to the children, contributing to their language development and cultural exposure
- Immersed in Italian culture, learning the language, culinary traditions, and the rich cultural and artistic heritage

INVICTUSS | BOSTON, MA

DEC 2022-APR 2023

Front End Developer & Design Lead

- Led a team of 5 designers to employ a user-centered approach in creating high-fidelity mockups using Figma
- Implemented a growth-focused, interactive website with search optimization using React and TailwindCSS

PROJECTS

BATTLESHIP AI BOT | JAVA DESKTOP APPLICATION

JUNE 2023

- Engineered a command-line Battleship game with socket connections for seamless multiplayer interactions.
- Implemented the Model-View-Controller (MVC) pattern, enhancing code modularity for improved maintainability.
- Introduced a challenging AI bot for solo play in the game, incorporating a proxy controller.
- 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
- Performed 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 INFORMATION

Languages/Tools: Python, Java, Javascript, HTML, CSS, React, SQL, LaTeX, Tailwind, Excel, Jupyter, Git, Flask

Interests: Solo-traveling, Yoga & Meditation, Cooking, Backpacking, Photography, Painting, Reading