Gili Cohen

Boston, MA | (617) 982-9953 | Availability: May - December 2025

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EDUCATION

Northeastern University | Boston, MA   *Exp. May 2026*

Candidate for B.S. of Computer Science and Interaction Design   *GPA: 3.83/4.0*

Honors: Dean's List, Dean's Scholarship

Relevant Coursework: Object Oriented Design, Algorithms & Data, Database Design, Machine Learning & Data Mining, Networks & Distributed Systems, Data Science Foundations, Mathematics of Data Models, Human Computer Interaction

TECHNICAL SKILLS

Languages & Libraries: Python, Java, SQL, JavaScript, TypeScript, HTML, CSS, React, Tailwind, Node.js, Next.js

Frameworks & Tools: GitHub, Docker, Flask, Figma, Azure, Openshift, Jenkins, Jupyter, NumPy, Pandas, Scrum

PROFESSIONAL EXPERIENCE

MFS Investment Management | *DevSecOps Software Engineer* | Boston, MA   *July 2024 - Jan. 2024*

- Built software to streamline Jira ticket and onboarding workflows, handling 1000+ tickets to boost team efficiency.
- Developed a React metrics dashboard integrating Azure, Bitbucket, and Coralogix APIs for real-time data insights.
- Collaborated on automating CI/CD pipelines using OpenShift and Jenkins, driving scalability in software delivery.
- Drove 300% increase in efficiency for company's backend processes leveraging python and Kubernetes clusters.

Synth | *Software Research Assistant* | Boston, MA   *Sep. 2023 - Dec. 2023*

- 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.
- Assessed synth viability and accuracy by developing 4+ code designs of varying complexities in environment.
- Collaborated with professors to develop assignments enhancing design thinking skills for CS students using Synth.

TAMID Tech Consulting Group | *Software Project Manager* | Boston, MA   *June 2023 - Dec. 2023*

- 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 maintain 16+ semesters of recruitment data.
- Utilized Node.js and React to create an intuitive and responsive dashboard interface, enhancing UX and accessibility.
- Implemented Agile methodologies to streamline development, ensuring on-time delivery of defined project milestones.

PROJECTS

YogaFlow | *Product Design & Development*   *Nov. 2024 - Present*

- Developed a mobile app with AI-driven pose recommendations, using algorithms to optimize sequence construction.
- Led product development by gathering insights from 15+ yoga instructors, refining user-centric Figma prototypes.
- Engineered a scalable backend managing100+ poses with attributes for muscle groups, sequencing, and timing.

SecondNature.AI | *Competitor Analysis Consulting*   *Sep. 2024 - Dec.2024*

- Conducted competitor research through calls and pricing analysis to evaluate market positioning and product gaps.
- Advised CEO on refining product strategies based on industry and competitor trends improving penetration by 25%.
- Compiled detailed analysis report outlining strategic focus areas and identifying high-risk competitors for company.

Housing Market Predictive Model | *Python*   *Nov. 2023*

- Trained a machine learning model to predict housing prices, analyzing 20 years of stock market and housing data.
- Applied advanced feature engineering and data preprocessing to optimize model inputs and enhance model accuracy.
- Evaluated and optimized Random Forest, Gradient Boosting, and Polynomial Regression models with Scikit-learn.

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.
- Integrated AI bot with proxy controller and streamlined testing using JSON serialization for fixture data and responses.