

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. Computer Science and Design

GPA: 3.83/4.0

Honors: 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, Prototyping with Code, Human Computer Interaction

TECHNICAL SKILLS

Languages: Python, Java, Javascript, HTML, CSS, React, Typescript, SQL, Tailwind, Processing, Node.js, Next.js

Tools: GitHub, Figma, NumPy, Pandas, Scikit-learn, Excel, Flask, Jupyter, Docker, OpenShift, Azure, Sonar, Jenkins

PROFESSIONAL EXPERIENCE

MFS Investment Management | *DevSecOps Software Engineer* | Boston, MA

July 2024 - Present

- Created a React dashboard to automate Jira ticket generation and onboarding via Azure, Bitbucket, and Coralogix APIs
- 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 an assignment 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

PROJECTS

Web Crawler | *Python*

Jan. 2024

- Created a social media web crawler and scraper that can gather large amounts of data from a desired website
- Designed a parser to process webpage data and allow the web crawler to not resist previously visited websites

Housing Market Predictive Model | *Python*

Nov. 2023

- Trained a Machine Learning model to predict housing prices based on changes in the 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

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.

ACTIVITIES & CERTIFICATIONS

VP People & Culture | *TAMID Consulting Group*

- Lead monthly meetings for 150 members driving communication, cohesiveness, and connection within organization
- Shaped recruitment of 300+ candidates, consulting board on key organizational strategies and people management

Learning Kubernetes | *LinkedIn Learning*

- Mastered container basics, cloud-native concepts, and Kubernetes deployment on macOS
- Proficient in YAML manifests, IP assignment, and resource management within the Kubernetes ecosystem