

**Ilay Guler**  
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River Vale, NJ

## Education

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### Boston University College of Arts and Sciences

*BA Computer Science*

GPA 3.63/4.00

**Boston, MA**

*September 2022 - May 2026*

- Courses: Data Structures and Algorithms, Computer Systems, Discrete Math, Geometric Algorithms, Functional Programming, Web-App Development, Data Science
- 3x Dean's List

### Technical Skills

- **Languages:** Python, Java, JavaScript, C#, React, HTML/CSS
- **Developer Tools:** Git/Github, Visual Studio Code

## Professional Experience

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### Syngin Technologies

*Junior Developer Intern*

**Parsippany, NJ**

*June 2024 - August 2024*

- Redesigned the back end of the SynginGo app, to send files to 5% cheaper Microsoft Azure Blob Storage
- Reworked proof-of-delivery system to streamline case-specific document generation via new database API
- Engineered Salesforce Lightning Web Component to seamlessly connect new database to our clients and IT team
- Wrote test cases in Azure DevOps for new Lightning Web Component, and SynginGo app to ensure robustness of API's connection to the front end

### Spark! Bytes

*Back End + Front End Developer*

**Boston, MA**

*February 2024 - May 2024*

- Assembled web app using Next.js and Ant to notify Boston University students of free food on campus, projected to reduce food waste from community events by 15%
- Utilized PostgreSQL to store user data on back end, allowing users to post and view events
- Curated UI and UX of web app by listening to the feedback of club leaders, resulting in a 20% increase in polls for web app usage

## Additional Experience

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### BU Engineering IT

*IT Consultant*

**Boston, MA**

*February 2024 - Present*

- Troubleshooted and resolved hardware and software issues, improving user experience and reducing downtime for academic and administrative tasks
- Diagnosed and repaired critical hardware issues on University servers, maintaining seamless access to essential apps
- Conducted regular maintenance on technology infrastructure across eight university buildings, proactively identifying and addressing potential issues to ensure the uninterrupted availability of resources for students, faculty, and staff

### Amazon Movie Review Score Analysis

*Data Engineer*

**Boston, MA**

*September 2024 - October 2024*

- Implemented random forest classification and feature engineering to accurately classify 70% of review data on Amazon
- Extracted individual user review trends and product quality patterns to increase accuracy of pre-existing model by 20%
- Designed data visualizations & report to display findings to wider audience

## Volunteer Experience

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### Natural Disaster Aid for Turkey

- Pitched and led on campus philanthropic events, raising \$1,500 for victims of Turkey-Syria earthquake

### Eagle Scout Award

- Organized and led team of volunteers for over 200 hours in renovating park in underserved neighborhood of Westwood, resulting in newly refurbished playground and garden