

# Grace Elias

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## Education

### Boston University

Expected May 2025

*Bachelor of Arts and Masters of Science in Computer Science, Minor in Mechanical Engineering*

GPA: 3.85

- Relevant Coursework: Artificial Intelligence, Database Systems, Analysis of Algorithms, Software Development, Data Structures, Object Oriented Programming, Electromechanical Design, Discrete Math, Linear Algebra
- Dean's List: All semesters

## Work & Internship Experience

### Epic | Verona, WI

May 2023 - August 2023

*Software Developer Intern*

- Developed additional functionality for a scheduling and mapping tool used by both home health and hospice schedulers
- Coded primarily in C#, Javascript, and Typescript, using React framework
- Considered customer feedback to best determine what new functionality should do
- Checked in regularly with a mentor and team lead
- Communicated goals and met deadlines while progressing through project
- Participated in team meetings to better understand what others were working on and overall development process
- Presented work and fielded questions, comments, and feedback from many Epic employees of all levels and departments

### 3D Rose | Jackson, NJ

June 2020 - May 2023

*IT Department*

- Processed orders for a print on demand company
- Trained five new employees
- Solved other technological problems and completed office tasks

## Leadership & Activities

### Boston University Upsilon Pi Epsilon

March 2022 - Present

*Director of Recruitment*

- Recruits new members to honor society of around sixty members with a focus on computing and information disciplines
- Ensures recruits are up to standards set by society and complete new member requirements
- Organizes and participates in weekly professional and social events run by society

### Boston University Society of Women Engineers

September 2022 - Present

*Member*

- Collaborates with and supports other women in engineering fields while building a supportive community of engineers

## Projects

### FlixFinder *React, C#, Javascript, Typescript*

February 2023 - May 2023

- Worked with two partners to create an app that looks at a user's Twitter and determines user's mood based on their Tweets and recommends movies they will enjoy
- Utilized Twitter's API and IBM Watson Natural Language Understanding

### Infrared Light Head Tracker *Arduino*

September 2022 - December 2022

- Operated within a team of four engineers to produce a sensor that could track head movement using infrared light and map its position onto a screen
- Wrote all code and had a hand in circuitry, and designing and assembly of housing

## Skills

Java, Python, C, C#, Typescript, Javascript, SQL, SML, HTML, CSS, React, NumPy, Matplotlib, MATLAB, GCode, Arduino, Autodesk Inventor, Solidworks, OnShape, Adobe, Microsoft Office