Grace Elias

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Education

Boston University   Expected May 2025

Major: Computer Science   Minor: Mechanical Engineering   Degree: BA/MS   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 and Internship Experience

Epic | Verona, WI   May 2023 - August 2023
Software Developer Intern

- Developed additional functionality for a scheduling and mapping tool used by home health and hospice schedulers
- Primarily coded in C#, Javascript, and Typescript, using React framework
- Considered customer feedback to best determine what new functionality should allow them to do
- Checked in regularly with a mentor and team lead
- Communicated goals and met deadlines while progressing through project
- Attended team meetings to better understand what others were working on and overall development process
- Presented my work and fielded questions, comments, and feedback from 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 new employees
- Assisted with other technological problems and office tasks

Leadership and Activities

Boston University Upsilon Pi Epsilon   March 2022 - Present
Director of Recruitment

- Recruits new members to honor society which focuses on computing and information disciplines
- Ensures they are up to standards set by the society and complete new member requirements
- Organizes and participates in 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 on a team to create an app that looks at a user's Twitter and determines the mood they are in 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 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, SML, C#, Typescript, Javascript, React, NumPy, MatPlotLib, MATLAB, GCode, Arduino, Autodesk Inventor, Solidworks, OnShape, Adobe, Microsoft Office