

## EDUCATION

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**Emory University** May 2026 (Expected)  
*Bachelor of Science, Computer Science - Mathematics Minor* GPA: 3.8

**Coursework:** Data Structures & Algorithms, Introduction to Artificial Intelligence, Machine Programming  
**Programming Languages:** Java, Python, Swift, C, JavaScript, SQL, Lua.

## EXPERIENCE

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**USA Boccia** Jan 2024 - Present  
*App Development Intern* Atlanta, Georgia (Remote)

- Utilized Swift's UIKit and Core Data frameworks to develop a match logger with a live timer and scorer.

**The State Botanical Garden of Georgia** Aug 2022 - May 2023  
*Data Manager / Student Team Leader* Athens, Georgia

- Automated the export and plotting of the garden's IrisBG database of 11,047 taxa onto the garden's ArcGIS map using manipulated Excel files, allowing visitors to find desired species in the garden.
- Developed a Python script with OpenPyXL library to parse and organize botanical data in Excel files.
- Devised and staged a new digital field data collection procedure using Fresco and ArcGIS Field Maps.

## PROJECTS

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**Video Subtitle Displayer** Jan 2024  
*Personal Project - Java*

- Developed the backend of an app that displays subtitles from subtitle files in sync with a playing video, allowing users to add subtitles to any video.

**Tic-Tac-Toe** Aug 2023  
*Class Project - Python*

- Programmed the backend functionality of a Tic-Tac-Toe game using the minimax algorithm.

**Gallery** Apr 2023  
*Class Project - Java*

- Utilized JavaFX and Java to display a gallery of images based on a query to the iTunes Search API.

**A\* Search Algorithm Visualization** Dec 2021  
*Personal Project - Python*

- Designed a visual representation of the algorithm in the form of a minigame using the PyGame library.

## LEADERSHIP

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**Matriculate** Apr 2023 - Present  
*Advising Fellow Leadership Team Member* Atlanta, Georgia (Remote)

- Mentored three high school students and helped them with their college and financial aid applications.
- Formulated plans to increase Advising Fellow recruitment through email and personal outreach.

**International Baccalaureate Advisory Committee** Aug 2021 - May 2022  
*Co-founder* Atlanta, Georgia

- Mediated between 100+ patrons to discuss critical issues in the IB programme and report to the IBO.

## HONORS AND CERTIFICATIONS

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**Honors:** Presidential Scholar (1 Semester), Dean's List (1 Semester), International Baccalaureate Diploma Recipient, Honors Diploma Recipient.