

Heather Hernandez

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Education

Georgia Institute of Technology — BS, Computer Science, 3.73 GPA Aug. 2022 - May 2025
Notable Coursework: Object-Oriented Programming, Data Structures and Algorithms for Applications, Computer Organization and Programming, Objects and Design, Discrete Mathematics for Computer Science

Starr's Mill High School — High School Diploma, Honor Graduate Aug. 2018 - May 2022
Rank 3/330, GPA: 4.0 unweighted, 4.5 weighted

Leadership

Fundraising Director — Georgia Tech Filipino Student Association Sep. 2022 - May 2023

- Planned and executed monthly fundraisers that engaged members and financed the end-of-year culture show, which had an estimated attendance of 300.
- Increased fundraiser participation by focusing on target audience and increased projected profit by 100%.

Vice President, Secretary — National Spanish Honor Society Aug. 2020 - May 2022

- Organized local volunteer and opportunities for members, including opportunities with Fayette Samaritans and Midwest Food Bank.
- Incentivized meeting participation to encourage engagement and improve overall society member experience.
- Logged meeting attendance and required volunteer hours for 100+ members.
- Researched and presented Hispanic cultural insights at meetings

Finance and Programming Committee Member — Heart of Passion Aug. 2019 - May 2021

- Wrote grant applications which contributed 50% of fundraising goal.
- Developed and organized annual budget, accounting for the projected profits of each fundraiser planned for the year.
- Contacted local businesses for both monetary and in kind donations.

Hugh O'Brien Youth Leadership Seminar June 2021

- 1 student selected out of class of 330 based on commitment to volunteering and leadership to represent high school at the annual HOBY state leadership seminar.
- Attended state seminar virtually and learned necessary personal and professional skills

Projects

Electronic ARTrium — Georgia Tech Vertically Integrated Project Aug. 2023 - present

- Referenced past Python code and documentation from the previous exhibit to plan the execution of section control programs for 50% of the current exhibit being worked on.
- Collaborated with Visual Art and Sound Design teams in order to create interactive video that responds to a user's body movements.
- Documented meeting notes that were utilized by 50+ team members.

Debt Tracker App June 2023 - present

- Used Jetpack Compose to build an interactive and dynamic user interface with various Composable functions.
- Implemented unidirectional data flow by creating a separate data layer and an immutable UI layer to prevent bugs or inconsistencies.
- Enabled the app to retain UI state after reconfigurations by using Android's ViewModel class.

Skills

Programming: Java, Kotlin, HTML/CSS, Javascript, D3.js
Language: Spanish (intermediate)