

Aska N. Hughes

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EDUCATION

Georgia Institute of Technology
B.S. Computer Science

Expected Graduation: May 2020

Gwinnett School of Math, Science, and Technology Class of 2016

PROFESSIONAL WORK EXPERIENCE

Trellis, Inc., Junior Software Developer Intern

(May 2018 — August 2018)

- Responsible for bug fixes and design changes to the company's mobile application, dashboard site, and distributor portal; worked not only as a full-stack developer but also worked in the hardware lab soldering and putting sensors together for shipping

Micromeritics Instrument Corporation, Intern

(Fall 2015 – Summer 2016)

- Provided assistance for several products including work on an equation for the function of the thermal conductivity detector (TCD) made at that corporation

LEADERSHIP AND SERVICE

Georgia Institute of Technology

GT Women's Choir (2017-Present), Currently Vice President and Temporary Director, Formerly Recruitment Chair

- Acts as Women's Choir members' proxy at events and runs part of rehearsal directing pieces and updating members on events and significant happenings in the club.

Gwinnett School of Math, Science, and Technology, Lawrenceville

Technology Student Association (2015-2016), Reporting Officer, Debating Technological Issues Team Leader

- Recorded club activities while organizing club events with other senior officers to bring the club to 3rd place statewide

AWARDS AND ACTIVITIES

Georgia Kendo Federation, 3rd Degree Black Belt

(2012-present)

- Attended the All United States Kendo Federation's National Championship as a representative for GKA in the Youth Girls' Team

Governor's Honors Program, Mandarin Chinese Language Major

(Summer 2015)

- Attended a four-week long program that provided an immersive language learning experience

Technology Student Association State Leadership Conference

(2016)

- Led team in Debating Technological Issues event; obtained State Finalist title and 3rd place

Ronald McDonald House Scholarship Recipient

(Summer 2016)

TECHNICAL SKILLS

Human Languages	Programming Languages	Relevant Courses
Japanese (Fluent, native speaker)	Java, Python	Design and Analysis of Algorithms (current)
Chinese (Intermediate - advanced)	Typescript, Javascript, Angular, HTML/CSS, Ionic	Data Structures and Algorithms
Korean (Intermediate)	MATLAB	User Interface and Design

PROJECTS

PartyAnimal, Spring 2018, 2nd Place Overall UGAHacks, Best Hardware Hack

Created a prototype that allowed designated drivers to keep track of their drunk friends using a Raspberry Pi 0 and a wristband.

Ball'r, Fall 2017 HackGT

Made a prototype and application that kept track of users' reproductive health with a temperature sensor and a Raspberry Pi; used HTML/CSS to create an effective UI.

Visualizing Music, Fall 2015 ~ Spring 2016

Created a device that would allocate certain sound frequency ranges to light frequency ranges, allowing people who could not hear the music to see the music by seeing different colors light up an RGB LED via Arduino