

Sonya Yuen

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Bachelor of Science in Computer Science, Minor in Industrial Design

Atlanta, GA

August 2020 – December 2024

- GPA: 3.65

Barcelona Computing Summer Program

Barcelona, Spain

- International study program through Georgia Tech, completed 12 credit hours abroad.

Summer 2022

EXPERIENCE

Delta Air Lines

Atlanta, GA

Software Engineering Co-Op

August 2022 – December 2022, May 2023 – August 2023

- Placed 1st in the IT Next Gen Hackathon with “The Whole Plan”: an AI-generated travel itinerary feature on Delta’s website in collaboration with a 5-member cross-functional team,
- Spearheaded the project concept of “The Whole Plan” and presented to senior executives including the CIO who launched the project into production for its potential to increase customer base and reduce travel cost through brand partnerships.
- Performed end-to-end software testing using Cypress to improve performance of the OneUI flight dispatcher application.
- Built a Microsoft Power Virtual Agents chatbot to collect and aggregate incident response data and automate on call and application metric retrieval.
- Developed Microsoft PowerBI dashboard that integrates incident response data from Dynatrace and PagerDuty APIs to provide visualizations for increased internal visibility.
- Created and directed the IT Intern & Co-Op Event Program to bring a sense of community for a 30+ student cohort.

FASET New Student Transition Programs

Atlanta, GA

Student Orientation Leader

March 2021 – August 2021

- Led daily small-groups, campus tours, and informational sessions to immerse 300+ incoming Georgia Tech students into campus culture.
- Mentored 175+ individual students through registration and academic planning while providing university resources to support student success.
- Created social media content including graphics and videos for multiple platforms using Adobe Illustrator and Premiere Pro.

PROJECTS

Bobby Dodd Defense – Class Project

Spring 2022

- Placed 6th out of 120 student teams by building a Java game resembling Balloons Tower Defense, where users strategically place towers to protect a base.
- Collaborated with a team of 5 to craft an intuitive GUI using Scene Builder and JavaFX complemented by JUnit testing.
- Implemented an Agile project framework with monthly sprints and employed Git version control for streamlined code organization.

SheCodes – Class Project

Summer 2022

- Collaborated with a team of 3 to create an educational technology platform mockup on Figma to increase female representation in computing related industries.
- Researched scaffolding and project-based learning techniques to build basis for assignment modules.
- Implemented human-centered design principles by incorporating persona creation, user testing, and heuristic evaluation.

SKILLS

Software/Tools: Java, Python, C, HTML, CSS, Figma, SQL, Tableau, Microsoft PowerBI, Adobe Creative Suite, Microsoft Suite, Trello, GitHub

Course Knowledge: Object Oriented Programming, Data Structures & Algorithms, Objects & Design, User Interface Design, Media Device Architecture, Discrete Mathematics, Database Systems, Information Visualization, Computer Graphics

Interests: Travel, Cooking, Tennis, Photography, Videography, Spanish, Chinese

ACTIVITIES

Alpha Phi Iota Mu

Atlanta, GA

Vice President of Marketing

August 2022 – Present

- Elected as a key member of an 8-person executive council entrusted with leading 200+ chapter members.
- Manage 5-member department and orchestrated 12-month marketing strategy to amplify brand influence.
- Direct entirety of social media portfolio consisting of 6 channels; increased overall Instagram engagement by 30% compared to the previous year.
- Held previous executive role of Panhellenic Delegate; fostered collaboration among 9 other sororities to organize impactful panhellenic-wide events.