

Brooke Christiansen

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OBJECTIVE

Seeking a software engineering internship for the summer of 2022 that will allow me to apply my knowledge and passion for sustainability, UI/UX design, and front-end web development

EDUCATION

Georgia Institute of Technology - Atlanta, Georgia

Aug. 2019 - May 2023

B.S. in Computer Science (Concentrations: People, Devices; Minor: Sustainable Cities; Overall GPA: 4.0/4.0)

PROFESSIONAL EXPERIENCES

Software Engineering Intern, Viasat, Inc.

May 2021 - Aug. 2021

- Contributed to an intranet application by designing and/or developing 7 features including a navigation bar, profile page, home page, feedback modal that feeds to Slack, and 404 page
- Developed reusable React components for modals, page layouts, dropdown menus, and more
- Used React, Next.js, JavaScript (ES6), SCSS, HTML, Strapi, Python, Figma, and GitHub

Software Developer and Graphic Designer, Conversations with a Wannabe Scientist

Jan. 2021 - June 2021

- Used HTML and CSS to add additional functionality and customization to this podcast's Blogger site, which has led to an increase in site views of over 210% over the last 8 months
- Used Figma to create podcast cover and website logo

Software Engineering and UX Intern, Computer Enterprises, Inc.

May 2020 - Aug. 2020

- Created an application that allows employees to make profiles and search an employee directory
- Created and iterated on Figma prototypes for the entire application and developed features such as a home page, profile page, search results page, and navigation bar
- Used Angular, TypeScript, SCSS, HTML, Bootstrap, SQL Server Management Studio, Figma, Adobe XD, and Azure DevOps/Repos

LEADERSHIP AND INVOLVEMENT

Discrete Math Teaching Assistant, Georgia Tech College of Computing

Aug. 2020 - present

- Holding office hours for 3 hours a week and monitoring a student Q&A forum
- Grading and providing detailed feedback for about 25 students' homework or exams a week

Pro Bono Software Developer, Work on Climate

Dec. 2020 - Feb. 2021

- Contributed to a bot using Python, Airtable, and GitHub that allows for 3,000+ members of Slack workspace to allow search queries of messages to include results of synonyms

Director of Outreach, Georgia Tech Veggie Jackets (plant-based lifestyle club)

May 2021 - present

- Executing social media strategy, designing promotional materials with Canva and Figma, maintaining consistent branding, and planning meetings and volunteer events

Community Garden Volunteer, Georgia Tech Students Organizing for Sustainability

Aug. 2020 - present

- Helping weekly or biweekly with weeding, planting, watering, composting, etc.

PROJECTS

Extreme Events Engineering Vertically Integrated Project, Georgia Tech

Jan. 2021 - present

- Updated and added new functionality to a legacy codebase for seismic catalog declustering
- Using the Zaliapin and Ben Zion method, Python, Matplotlib, and NumPy

SKILLS

- Development Technologies: Java, React, Next.js, JavaScript (ES6), Angular, TypeScript, CSS/SCSS, HTML, Bootstrap, Strapi, Python, Neo4j, Airtable, SQL Server Management Studio, LC-3 Assembly, and C
- Editors/DevOps Tools: VSCode, IntelliJ, Android Studio, Sublime, Azure DevOps, GitHub, and Jira
- Design Technologies: Figma, Adobe XD, and Canva
- Languages: English (native) and Spanish (Avant Stamps certified Advanced Low)