

# 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 teaching a weekly 75-minute class to about 50 students
- 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, NumPy, and MATLAB

## SKILLS

- Development Technologies: Java, React, Next.js, JavaScript (ES6), Angular, TypeScript, CSS/SCSS, HTML, Bootstrap, Strapi, Python, Neo4j, Airtable, SQL Server Management Studio, 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)