

Brooke Christiansen

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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, CSS, and Figma for podcast's Blogger site, podcast cover, and website logo
- Led to an increase in site views of over 210% from January to August of 2021

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, Figma, Adobe XD, and Azure DevOps/Repos

LEADERSHIP AND PROJECTS

College of Computing Head Teaching Assistant, Georgia Tech

Aug. 2020 - present

- Current web development head TA; former discrete mathematics TA
- For web development, creating curriculum and exams, supervising grading, and holding office hours
- For discrete math, had office hours available to 440 students, taught 75-minute class to 50 students, and graded and provided detailed feedback for about 25 students' homework or exams a week

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

May 2021 - present

- Executing social media strategy, designing promotional materials with Canva and Figma, maintaining consistent branding, and planning weekly meetings and volunteer events
- Working with the Humane League to promote/partake in daily 'fast actions' like emailing and calling businesses and politicians to promote plant-based and cruelty-free options

Extreme Events Engineering Vertically Integrated Project, Georgia Tech

Jan. 2021 - present

- Updating and adding new functionality to a legacy codebase for seismic catalog declustering
- Using the Zaliapin and Ben Zion earthquake declustering method, Python, NumPy, and MATLAB

City of Atlanta Green Space Greenhouse Gas Inventory, Georgia Tech

August 2021 - December 2021

- Researched Atlanta green spaces to develop a GHG inventory with citywide and usage-based totals
- As part of website team, developed information architecture and populated website with results

Pro Bono Software Developer, Work on Climate

Dec. 2020 - Feb. 2021

- Contributed to a bot using Python, Airtable, and Google App Engine that allows for 5,000+ members of Slack workspace to allow search queries of messages to include results of synonyms

SKILLS

- Development Technologies: Java, React, Next.js, JavaScript (ES6), Angular, TypeScript, CSS/SCSS, HTML, Bootstrap, Strapi, Python, Neo4j, Airtable, SQL Server Management Studio, Assembly, C, and MATLAB
- Design Technologies: Figma, Adobe XD, and Canva
- Languages: English (native) and Spanish (Avant Stamps certified Advanced Low)