

# Sam Brothers

[samjbrothers@icloud.com](mailto:samjbrothers@icloud.com) | 919-407-9965 | Chapel Hill, NC | [linkedin.com/in/samjbrothers](https://www.linkedin.com/in/samjbrothers) | [website](#)

## Education

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**William & Mary** | Bachelor of Science in Computer Science | Williamsburg, VA | 2025

- 3.53 GPA

**W&M Summer in Goa and Bangalore** | Study Abroad | Bangalore, India | 2023

- Studied Hinduism in Southern India during an immersive five-week summer program

## Skills

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- Proficient in C, Python, Vue.js, Java, Y86
- Experience with HTML, CSS, JavaScript
- Software development
- Web development
- Data structures and analysis

## Projects

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*Thrillsburg* | **Sunken Garden Solutions** | Williamsburg, VA | 2024-present

- Builds the front-end of a website for a local web application using the Vue and Quasar frameworks

*Personal Website* | Williamsburg, VA | 2024

- Created and deployed a personal portfolio website from scratch to learn basic web development.
- Successfully implemented a fully functional single-page application using the Vue.js framework

*Connect N GUI* | **Software Development** | William & Mary | 2024

- Designed a Connect 4 game to learn about version control and GUI applications using the Java Swing API
- Implemented MVC architecture while following software development best design practices

## Experience

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*Software Developer* | **Sunken Garden Solutions** | Williamsburg, VA | 2024-present

- Oversees primary design of website UI for Thrillsburg, an app for viewing current events in Williamsburg
- Collaborates with backend developers to deliver sorted database information about events

*Researcher* | **Biology Department** | William & Mary | 2023-current

- Researches the effects of sketching as a study technique in a human subject lab
- Analyzes participant responses to biology questions using a rubric and spreadsheet

## Leadership

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*Captain* | **Merrymen Ultimate Frisbee** | William & Mary | 2022-current

- Leads the club Ultimate team to back-to-back VA conference wins
- Devises strategy, plans practice, coaches teammates, and shapes team culture for 8+ hours per week

*Orientation Aide* | **Student Transition Engagement Programs** | William & Mary | 2022-2023

- Guided 30 incoming college students through an exhaustive, week-long orientation program
- Facilitated a positive and safe introductory college experience for up to 12 hours per day