

Jordan Rudman

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SUMMARY

New Computer Science graduate with a passion for software engineering, UI/UX design, and web application development. Seeking to leverage development skills with a focus on collaboration, communication, and creativity.

EDUCATION

Bachelor of Science in Computer Science

Minor in Human Computer Interaction (HCI) • Virginia Tech • Blacksburg, VA • May 2023

INVOLVEMENT

Development Member

Web Development @ VT • September 2022 – December 2022

- Attended numerous workshops on web development, honing skills in HTML, CSS, JavaScript, React, and Git.
- Spoke with experts in the field about accessibility engineering and best design practices.
- Engaged in team-building activities and improvement of communication skills.

Student Developer

Virginia Tech • Developer Student Clubs by Google • August 2020 – May 2021

- Participated in a 10-month program by Google, attending workshops and tackling group programming challenges.
- Collaborated with a team of 20 to build a consumer electronics purchasing website, leading site design and product filtering functionality.
- Gained hands-on experience in front-end and back-end web development (HTML, CSS, JavaScript, PHP).

Selected Member & Upperclass Leader

Virginia Tech • Galileo: Virginia Tech Engineering Living Learning Community • August 2019 – May 2021

- Lived in an engineering-focused community, receiving mentorship from industry professionals and leaders.
- Enrolled in 2 specialized classes, developing engineering and career-building skills.
- Returned as an upper-class leader in the second year, managing the organization's website and providing guidance to new members.

PROJECTS

Hokie Bucket List – Competition Winner

Virginia Tech • January 2023 – April 2023

- Led a team of 4 in an HCI capstone project, creating a hiking bucket list/competition site for students.
- Managed the full development process, from design and wireframing to implementation and pilot testing, using React, MUI, and Firebase.
- Implemented responsive web design and accessibility features, ensuring a seamless user experience across various devices and accommodating users with diverse needs.
- Won 2nd prize out of 41 capstone teams at the Virginia Tech Undergraduate Research in Computer Science Symposium.
- Check it out at: <https://bucketlist-90b4c.web.app/>

ATLAS Cryptocurrency Explorer – Hackathon Winner

VT Hacks IX • February 2022

- Participated in a team during a 36-hour hackathon at Virginia Tech with almost 400 participants and over 70 project submissions.
- Handled back-end functionality (jQuery and API calls) as well as hosting using a Google Cloud virtual machine.
- Won Best Beginner Hack category (team >50% first-time hackers) out of more than 30 eligible teams.
- Collaborated closely with teammates to identify creative solutions and optimize project workflow, successfully delivering the project within the hackathon's 36-hour timeframe.

Connect and Meet People (CAMP)

Virginia Tech • August 2021 – December 2021

- A semester-long group HCI project designing a mobile app to combat isolation through community events.
- Involved in multiple rounds of user research, ideation, contextual analysis, UI/UX development, and product evaluation.
- Experience with wireframing, storyboarding, interactive design, prototyping, and pilot testing.

TECHNICAL SKILLS

Tools: MS Visual Studio Code, WebStorm, Eclipse, Firebase, Git, Linux command line, VirtualBox, LaTeX, PuTTY

Languages: JavaScript, HTML, CSS, Java, Python, C, SQL

Libraries/Frameworks: React, MUI, Tailwind, jQuery, d3, SVG, Express, Node