

# Jordan Rudman

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## SKILLS

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Languages and Data Interfaces: JavaScript, TypeScript, HTML, CSS, Java, Python, C, SQL, Go, REST APIs, JSON

Productivity and Design Tools: Visual Studio Code, WebStorm, Git, GitHub, GitLab, Bash, Jira, LaTeX, Figma, Framer, Slack

Build and Platform Tools: Node.js, Webpack, ESLint, Babel, Prettier, Firebase, Kubernetes, Docker, VirtualBox

Libraries and Frameworks: React, MUI, Styled Components, Tailwind, jQuery, d3, SVG, Storybook, JUnit, Jest, jsdom, Flask

## PROJECTS

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### ScoreSeeker

[scoreseeker-9dfa6.web.app/](https://scoreseeker-9dfa6.web.app/) · January 2025 – Present

- Developed a sports score tracking web application using React, MUI, Tone.js, and TheSportsDB API, enabling users to search teams, view match history, and monitor live events with a responsive design and theme-adaptive UI.
- Engineered robust API integration and data normalization, ensuring accurate live scores and consistent timestamps despite inconsistent API data.
- Built modular components and clean state management using React Hooks, including async fetches, error handling, and loading indicators.
- Managed the build pipeline with Node.js, Webpack, ESLint, and Babel to ensure consistent code quality and cross-browser compatibility.

### Hokie Bucket List- Competition Winner

Virginia Tech · [bucketlist-90b4c.web.app/](https://bucketlist-90b4c.web.app/) · January 2023 – April 2023

- Led a team of four in an HCI capstone project to design and build a hiking bucket-list and competition platform for university students.
- Managed the full development process, from design and wireframing to implementation and pilot testing.
- Developed a responsive and accessible interface using React and Firebase, ensuring usability across devices and support for diverse user needs.
- Awarded 2nd place out of 41 teams at the Virginia Tech Undergraduate Research in Computer Science Symposium.

### SlayTheSpireStats

Virginia Tech · [slaythespirestats.web.app/](https://slaythespirestats.web.app/) · March 2023 – May 2023

- Built a real-time parser for Slay the Spire runs, extracting actionable gameplay insights to help users understand performance patterns.
- Developed a full-stack analytics website with React and Flask that lets users create accounts, upload runs, and explore personalized statistics.
- Implemented a modular backend, using Python for parsing, Firebase for authentication, and AWS Lambda with Axios for efficient data transfer.

### ATLAS Cryptocurrency Explorer- Hackathon Winner

VT Hacks IX · [devpost.com/software/atlas-crypto-explorer](https://devpost.com/software/atlas-crypto-explorer) · February 2023

- Competed in a 36-hour hackathon at Virginia Tech with ~400 participants and 70+ project submissions.
- Built core back-end functionality using jQuery and external RESTful APIs and deployed the application using GitHub Pages and a Google Cloud VM.
- Awarded Best Beginner Hack among 30+ eligible teams (teams with ≥50% first-time hackers).

### Connect and Meet People (CAMP)

Virginia Tech · [github.com/jrudman25/CAMP](https://github.com/jrudman25/CAMP) · August 2021 – December 2021

- Conducted a semester-long HCI project centered on designing a mobile app that reduces social isolation through community-driven events.
- Involved in multiple rounds of user research, ideation, contextual analysis, UI/UX development, and product evaluation.
- Gained hands-on experience with wireframing, storyboarding, interactive design, prototyping, and pilot testing to refine the product concept.

## EDUCATION

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### Bachelor of Science in Computer Science

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

## INVOLVEMENT

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### Student Developer

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

- Completed a 10-month Google-sponsored program involving weekly workshops and collaborative programming challenges.
- Partnered with a 20-person team to develop a consumer electronics purchasing site, leading the site's UI design and product filtering system.
- Built full-stack features using HTML, CSS, JavaScript, and PHP, gaining practical experience across both front-end and back-end development.

### Selected Member, Upperclass Leader

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

- Engaged in an engineering-focused residential community, receiving mentorship from industry professionals.
- Mentored 10+ first-year students, helping with successful onboarding into engineering projects and coursework.
- Maintained the organization's website, ensuring accurate information, reliable functionality, and accessibility for all members.