

Ali Brooks

Web Developer, Game Designer, and
All-Round Computer Scientist

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REFERENCES

Nicholas Wilkins Mentor	Tronster Hartley Boss
My primary mentor during my time at Firaxis games	My boss during my time at Firaxis games.
📞 443-652-2003 ✉ nickcwilkins@yahoo.com	📞 410-299-6348 ✉ tronster@fastmail.us

SKILLS

HTML	CSS	JavaScript	C++
████████	████████	████████	████████
Java	C#	Python	
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CERTIFICATIONS

Certified OCI Foundations Associate
Oracle
🔗 <https://tinyurl.com/alioracle>

EDUCATION

Rensselaer Polytechnic Institute

Bsc., Computer Science and Information Technology and Web
Science

(Aug 2022 - May
2026)

Data Structures

Algorithms

Web Systems Development

Physics

Discrete Mathematics

Multivariable Calculus & Matrix Algebra

WORK EXPERIENCE

Firaxis Games

UI/UX Engineer
Intern

(May 2023 - Aug
2023)

- Worked with the UI/UX team to help develop a fast, responsive, and intuitive UI for a AAA video game.
- Primarily utilized TypeScript, SCSS, HTML, and C++.
- Participated in the teams agile software development, where I attended both team and UI/UX specific scrum meetings.
- Utilized software like Jira, Perforce, Smartbear Code Collaborator, and Swarm to speed up development.

Gilman School

Graphic Design
Intern

(May 2022 - Jun
2022)

- Worked with the Gilman Graphic Design department to create schoolwide advertisement templates and posters.
- Utilized software like Gimp, Photoshop, and Canva
- Participated in meetings with the Gilman Graphic Design team

PROJECTS

Perception and Action Research Lab

Researcher

(Jan 2023
- Dec
2023)

- Worked with Professor Brett Fajen on simulation software for his research.
- Created in Unity, primarily programmed in C#.
- Created virtual environments for eye-tracking experiments with experienced drone racing pilots.

Game Design

Extracurricular

- Utilized multiple engines and languages to create games that have been published to Itch.io.
- Used python, C#, and C++.

🔗 <https://abrookst.itch.io/>

Hackathons

Extracurricular

- Participate in multiple hackathons in the New England area
- Most recent are HackRPI and MIT Energy Hack
- Worked with the company Tangible at MIT to create a program to solve pressing issues about climate change