

Ali Brooks

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

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🌐 abrookst.github.io/
🐙 github.com/abrookst
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🔗 abrookst.itch.io/

EDUCATION

Rensselaer Polytechnic Institute

(Aug 2022 - May 2026)

Bsc., Computer Science and Information Technology and Web Science

Data Structures, Algorithms, Web Systems Development, Physics, Discrete Mathematics, Multivariable Calculus & Matrix Algebra

WORK EXPERIENCE

Firaxis Games

(May 2023 - Aug 2023)

UI/UX Engineer Intern

- 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

(May 2022 - Jun 2022)

Graphic Design Intern

- 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

(Jan 2023 - Dec 2023)

Researcher

- 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

REFERENCES

Nicholas Wilkins

Mentor

My primary mentor during my time at Firaxis games

📞 443-652-2003

✉ nickcwilkins@yahoo.com

Tronster Hartley

Boss

My boss during my time at Firaxis games.

📞 410-299-6348

✉ tronster@fastmail.us

SKILLS

HTML

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Java

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CSS

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C#

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JavaScript

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Python

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C++

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