



# Ali Brooks

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

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

## 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



CSS



JavaScript



C++



Java



C#



Python



## EDUCATION

### Rensselaer Polytechnic Institute

Bsc., Computer Science and Information Technology and  
Web Science

(Aug 2022 -  
Present)

Data Structures

Algorithms

Web Systems Development

Physics

## WORK EXPERIENCE

### Firaxis Games

(May 2023 - Aug 2023)

UI/UX Engineer Intern

I worked with Firaxis Games in Sparks Maryland, where I worked primarily in TypeScript, SCSS, HTML, and C++ for a AAA videogame. I also participated in weekly scrum meetings, UI/UX-specific meetings, and used software like Jira, Perforce, Smartbear Code Collaborator, and Swarm.

### Gilman School

(May 2022 - Jun 2022)

Graphic Design Intern

I worked with the Gilman Graphic Design department on some of the school's needed projects. I created templates for the school's Instagram page, posters, and graphics for the athletic department.

## PROJECTS

### Perception and Action Research Lab

(Jan 2023 - Dec 2023)

Researcher

I worked with Professor Brett Fajen on simulation software for his research, made in Unity C#. I created virtual environments for eye-tracking experiments with experienced drone racing pilots.

### Game Design

Extracurricular

Using various engines and languages, across multiple genres, I have created Independent games. I publish all of these to my Itch.io page. Some of the languages include Python, C#, and C++.

🔗 <https://abrookst.itch.io/>

### Web Design

Extracurricular

I taught myself HTML and CSS by running a website created for my resume. I furthered this learning, both in my ITWS dual major and by taking website commissions for clients.

🔗 <https://abrookst.github.io>

### Hackathons

Extracurricular

I participate in various Hackatons around the North Eastern coast. Such as HackRPI, or MIT's Energy Hack, in which we had to create a program to solve a pressing issue related to energy or climate change for the company Tangible.