



Ali Brooks

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

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SKILLS

HTML

CSS

JavaScript

C++

Java

C#

Python

LaTeX

AWARDS

Garnet Baltimore Scholarship

Rennselear Polytechnic Institute

🔗 <https://success.studentlife.rpi.edu/GBRES>

Arabic Honors Society

Roland Park Country School

Awarded for holding a certain GPA
over 3 years whilst taking Arabic.

EDUCATION

Rennselear Polytechnic Institute

(August 25, 2022 -
Present)

Bachelor of Science, Computer Science and Information
Technology and Web Science

Data Structures

Foundations of Computer Science

Intro to ITWS

Physics

WORK EXPERIENCE

Firaxis Games

(May 08, 2023 - August 18, 2023)

UI/UX Engineer Intern

I will work with Firaxis Games in Sparks Maryland, in which I will be tasked with debugging, editing, and creating code with HTML, CSS, and JavaScript to create UI/UX elements for games.

Gilman School

(May 01, 2022 - June 01, 2022)

Graphic Design Intern

I worked with the Gilman Graphic Design department for two weeks 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

(January 09, 2023 - May 05, 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 programs like Game Maker Studio 2 and Unity, I created several games. Either on my own, with friends, or with new people in 2-day Game Jams. Some of my titles are Beautiful Melodius, Cathartic Cartography, and Mythological Melee (which was created for Ludem Dare 51).

🔗 <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.