

Anika Bookout

SKILLS

Languages: JavaScript, C++, Python, C#
Development Tools: Git, GitHub, Docker, Jira
Debugging: Catch2, GDB, visual debuggers
Operating Systems: Windows, Linux
Design & Development: Agile, Scrum, Design Thinking

EDUCATION

Bachelor of Software Engineering, 4th Year
University of Victoria
Victoria, BC
Sept 2020 – Apr 2025

WORK EXPERIENCE

Freelance Web Developer
INSO Systems
Oct 2023 – Present

- Worked in a small team to create modern websites for local businesses
- Iteratively designed sites alongside the client to ensure their needs are fully met
- Provided ongoing website maintenance & technical support

Apprentice Garage Member (Co-op)
INSPIRE: STEM For Social Impact
May 2022 – Aug 2022

- Led frontend development using React Native. Collaborated with the backend lead to design an effective API
- Delivered presentations to key stakeholders, including industry mentors and program sponsors
- Gathered requirements directly from the end user, closely following the Agile methodology

Full-Stack Web Developer (Co-op)
SEGAL Lab, University of Victoria
Jan 2021 – Apr 2021
& Sept 2021 – Dec 2021

- Designed, implemented, and integrated a real-time messaging service with React and Socket.IO
- Implemented a secure administrator dashboard allowing the development team to view site statistics
- Implemented automated tests and wrote extensive documentation, both in-code and external

TECHNICAL PROJECTS

NES Emulator (C++)
Implemented a simplified emulator for the Nintendo Entertainment System
Aug 2023

Real-Time Fire Simulator (C#, HLSL)
Developed a hardware-accelerated simulation using current research in real-time fluid simulation
Apr 2022