WILLIAM (LIAM) SNOW

 +1 (831) 620-2176 | @ mail@liamsnow.com | william-snow-iv | liamsnow

EDUCATION

Worcester Polytechnic Institute   Worcester, MA
BS in Electrical and Computer Engineering   *Aug 2022 – May 2026*
MS in Computer Science

SKILLS

Languages: Rust, Go, C, C#, Java, JavaScript, TypeScript, Swift, Lua
Technologies: Git, Docker, AWS, Terraform, Tailscale, Linux, Vim

EXPERIENCE

Phreesia, Inc.   Remote
Software Intern   *Jun 2023 – Aug 2024*

- Summer 1: Developed new feature prototype for Integrations Department using .NET, Websockets, and REST APIs
- Summer 2: Parsed and tokenized Confluence pages into Chroma vector database. Setup vector search and LLM to give users quick answers and link them to further reading in Confluence.

Advanced Survey Design, LLC   Remote
Software Contractor   *Jan 2022 – Feb 2022*

- Designed survey websites using .NET Core/C#

34 Engineering, LLC   Kennebunk, ME
Co-Owner   *Dec 2020 – Aug 2022*

- Developed infrared machine vision camera that tracks targets at 815 frames per second
- Used Xilinx Artix-7 FPGA and Onsemi Python 300 Image Sensor
- Designed test benches, ran timing analysis and fixed correlating timing issues
- Worked with international PCB, lens, cable, and CNC machining manufacturers

Naval Postgraduate School   Monterey, CA
Software Intern   *Jun 2019 – Oct 2020*

- Worked under Professor Ray Gamache for two summers programming and assembling robots for his MS classes
- Programmed LIDAR, ultrasonic, radar, AHRS, and GPS sensors in LabVIEW

LEADERSHIP & ACTIVITIES

BreakerBots Robotics Team   Pacific Grove, CA
Team Captain   *Aug 2017 – May 2022*

- Lead a FIRST Robotics Competition team, overseeing and working in design, assembly, electrical, and programming
- Ran summer programming classes, teaching the local community Java, control systems, and other robot-related programming topics
- Implemented state-space control algorithms and latency-accounted vision tracking
- Developed Electron dashboard app for monitoring, debugging, and tuning robots remotely in real-time