



Andrew Fryzel

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Education

The University of Utah, Salt Lake City, UT

May 2021

B.S. in Computer Science

- **Relevant Coursework:** Computer Graphics, Computer Security, Computer Networks, Human Computer Interaction, Probability and Statistics, Linear Algebra, Calculus 1-3, Physics, Astrophysics

Virginia Western Community College, Roanoke, VA

December 2017

A.S. in General Studies

Professional Experience

Proofpoint, Inc., Draper, UT

September 2020 – Present

Software Engineer Intern,

- Work with data loss prevention to create and manage services to monitor, detect, and secure data.

Amazon AWS, Seattle, WA

May 2020 – August 2020

Software Development Engineer Intern,

- Analyze information to determine, plan, and install a new tool to save Amazon time and money
- Consult with engineering staff to determine design specifications and project requirements.
- Plan, design, and create a Software Design Document
- Implement a project using a variety of tools and languages including: AWS Lambda, AWS Athena, AWS S3, Kotlin, Python, SQL, and JavaScript

Projects and Skills

- **Procedural Terrain Generation:** Created a tool that procedurally generates terrain.
- **Emulator:** Created an emulator for the NES using C++ and minimal outside references.
- **Arduino and Raspberry Pi:** Created a robot that can navigate obstacles to pick up and deliver a payload.
- **Personal Website:** Personal website to promote who I am and what I bring to a team.
- **Selected Skills:** Java, Python, C, C++, C#, Kotlin, Swift, HTML, PHP, CSS, JavaScript, Git, SQL, AWS, Google Cloud, React, Node, Arduino, Raspberry Pi, OpenGL, Bash, Go, MIPS and x86 Assembly, Unity, Unreal, Linux, Windows, iOS