

FORREST MERRINS

LOC: Moscow, ID

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Professional Profile

- Senior Standing (GPA 3.42)
- Data Engineering Inter at the Pacific Northwest National Laboratory
- Researcher for Computational and Physical Systems (capsidaho.com)

Education

Bachelor of Science in Computer Science Fall 2021
University of Idaho - Moscow, ID

Technical Skills

[Proficient]	[Familiar]
ANSI C, Java, Git, AWS	Rust, Clojure, Go, ImageJ
p5js, Linux, Python, NixOS	Fusion360, Solidworks

Work History

- Pacific Northwest National Laboratory - Remote **May 2020 - Current**
Supporting old work, the creation of new databases for capital management, employee training, and job scheduling, miscellaneous DevOps
- Pacific Northwest National Laboratory - Richland, WA **June 2019 - December 2019**
Created a frontend application for tracking distributed logs in AWS with Svelte, assisted ETL pipeline creation in .NET, deployed ETL pipelines using Code as Infrastructure paradigms
- M2 Construction - Sandpoint, ID **May 2016 - August 2017**
Supervised subprojects, assisted with logistics and general carpentry
Provided technical support and customer service
- Easy Tech & Sales @ Staples - Sandpoint, ID **August 2015 - December 2015**
Provided general computer support and diagnostics, worked the Copy and Print Center, and guided customers purchases
- Intern @ xCraft - Sandpoint, ID **June 2015 - August 2015**
Designed and built product line assembly stations, new UAV products, and assembled XPlusOne drones

Current Projects

- Investigating intelligent information systems with Neo4J and NLP
- Building tools to assist in writing, editing, and publishing for personal projects
- Classifying the Chinese Mystery Snail with Machine Learning on MRI point-cloud data
- Building self-replicating, deterministic, cloud storage systems for personal projects

Past Involvements / Accomplishments

- Officer of Technology for the Interdisciplinary STEM Seminar Club (2018 - 2020)
- CompTIA A+ certified (July 31, 2015 - August 31, 2018)
- Volunteer for the Angels over Sandpoint (2013 - 2015)
- Forrest M. Bird Charter School Student Body President (2013 - 2014)