Ross Snyder

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EDUCATION

OREGON STATE UNIVERSITY

BS in Computer Science
September 2017 - June 2021 |
Corvallis, OR
College of Engineering
Cum. GPA: 3.5
Major GPA: 3.6

LINKS

Github:// snyderr1
LinkedIn:// Ross Snyder

UNDERGRAD FOCUS

Data Structures
Algorithms
Operating Systems
Database Administration
Networking
Web Development
Software Engineering
CPU Architecture
Machine Learning and Data Mining
Programming Language Fundamentals and Design
Digital Logic and Design
Unix Tools and Scripting

SKILLS

PROGRAMMING

Over 5000 lines:
Python • C++ • C • Javascript
Familiar:
CSS/HTML • PHP • Assembly
mySQL • PowerShell • Bash •
C# • Haskell • React

IT

1 Year of Experience:
Windows Administration
LDAP/Active Directory
Remote Server Administration
VM Administration (Vmware, HyperV)
Jira SM Administration
MDT/WDS Setup, Administration, and Deployment

EXPERIENCE

ORENCO SYSTEMS INC. | IT Desktop Technician

May 2022 - Present | Sutherlin, OR

- Handled setup and deployment of new machines/recovery and wiping of old machines, troubleshot issues with applications, bluescreens, driver issues, network connectivity problems, etc.
- Created an object-oriented program for HR in visual basic to traverse the employee organizational tree and programmatically define leaders and create department headers for visualization in LucidChart.
- Jira Service Management administration.

OSU RESEARCH VOLUNTEER | IT/SW Engineering Intern

June 2021 – July 2021 | Corvallis, OR | Gulf of Mexico

- Assisted with various IT needs: debugging network/DNS issues, hardware problems, monitoring the Linux based fileshare used for offshoring data (rSync + iServe).
- Worked with senior engineers to write a PHP script to monitor and graph nearby AIS signals (PHP, KML, Google Earth).

PROJECTS

ROSSCODES.NET | Solo Project

March 2022 – Ongoing | React/Next.js + Node.js + TypeScript
A simple resume-style website built from scratch using React and Node.js. Contains basic features such as a persistent Nav-Bar, separate pages, embedded videos, hyperlinks and responsive UI elements.

SENSOR PROCESSING LIBRARY | SW Team Lead

September 2020 - June 2021 | Corvallis, OR | Python
Worked in a 6 man team to build a library for processing, analyzing, and graphing ocean wave frequency spectra derived from directional measurements captured by a 6-axis MEM sensor on-board a Slocum AUV Glider. Written using Python and numPy for signal processing and statistical analysis. Personally responsible for the processing +analyzing of data to create spectral data from frequency based measurements via the FFT method, as well as general planning, requirement gathering, debugging and integration of libraries/classes built by team members.