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

SKILLS

PROGRAMMING

Python • React • Javascript
Typescript • PHP • Assembly
SQL • PowerShell • Bash
C#

IT

Windows Administration
LDAP/Active Directory
Azure AD
VM Administration (Vmware/Vsphere, HyperV)
Powershell/Visual Basic Scripting
Microsoft Deployment Toolkit
Windows Deployment Server
Datto and TeamViewer RMM

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, wrote a script to onboard employees into Active Directory via Powershell.

OSU RESEARCH VOLUNTEER | Intern

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

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

PROJECTS

ROSSCODES.NET | Solo Project

React/Next.js + Node.js + TypeScript + PSQL
A simple resume-style website built from scratch using React and Node.js. Front-end hosted by CloudFlare Pages, Express/psql backend API server via Debian VPS.

SENSOR PROCESSING LIBRARY | SW Team Lead

Python
College Capstone. Lead a team of 3 in the development of a library used to analyze ocean wave measurements recorded by a 6-axis MEMS sensor attached to a Slocum AUV Glider. Python and numPy. Personally responsible for processing + analyzing data to create spectral representations using signal processing techniques, as well as general planning, requirement gathering, debugging and integration/unit testing of modules and classes built by team members.