

Ross Snyder

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EDUCATION

OREGON STATE UNIVERSITY

BS IN COMPUTER SCIENCE

Major GPA: 3.6

LINKS

Github:// [snyderr1](#)

LinkedIn:// [Ross Snyder](#)

UNDERGRAD COURSEWORK

Algorithms and Data Structures

Database Administration

Networking

Web Development

Software Engineering

SKILLS

PROGRAMMING

Python • React • Javascript

Typescript • Kotlin

SQL (SQLite and PSQL) • C#

IT

LDAP/Active Directory

Azure AD/Entra ID

VM Administration (Vmware, HyperV)

Scripting (Powershell, Bash, Python)

Microsoft Deployment Toolkit

Remote Management Solutions

EXPERIENCE

ORENCO SYSTEMS INC. | APPLICATION ANALYST

May 2022 - Present | Sutherlin, OR

- IT and tasks as needed: troubleshoot issues with applications, bluescreens, driver issues, network connectivity problems, as well as server performance issues or outages.
- Migrated Orenco's Jira Service Management program to the cloud and acted as sole administrator and developer.
- 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.
- Wrote a Python script for operations to automatically scrape content from a Siemens Step-7 internal web server for automated logging and alerting.
- MS365 licensing and administration.

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.