PROJECTS
https://spw720.github.io/
https://github.com/spw720

CONTACT
(541) 647-9777
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SEAN PAUL WILSON *(Computer Science and Spatial Data Science Student)*

OBJECTIVE

Hard-working, dependable and highly motivated problem-solver actively seeking exciting new opportunities. Interested in software engineering, geo-spatial data and the answers possible from the intersection between the two. Looking to complement academic theory and computer science concepts with real-world experience.

EDUCATION

University of Oregon — *Eugene, OR, 2016 to present*

B.S. – **Computer and Information Science**, tracking march 2021 graduation

B.S. – **Spatial Data Science**, tracking march 2021 graduation

Minor – **Entrepreneurship**

MY TECHNOLOGY STACK

* **Python, C/C++, Java**, **SQL**, JS (JQuery/Ajax), Docker, Flask, R, MongoDB, Unix, HTML5/CSS3, Git, QT, ArcGIS

SELECTED PROJECTS

* **SiteStall** • *JS/HTML/CSS* • Firefox extension using **Mozilla API's** to improve concentration by blocking web distractions
* **BreadCrumb** • *Java* • Android Mobile App using **MapsAPI**. Leaves a virtual trail of where users have gone
* **FirstDrop** • *Python* • Skiing Simulator developed with **PyGame**. Hit some jumps and shred some gnar!
* **CSDegreeGuide** • *C++/SQL* • Degree Guide Calculator using **QT** for GUI creation and **SQL** for data storage

EXTRACURRICULAR ACTIVITIES / LIFE EXPERIENCE

* **UOSAA Networking Spring Break Trip** – Spent spring break 2019 networking and touring with industry professionals and tech companies in the Silicon Valley, including Google, LinkedIn, SalesForce and Apple.
* UO Freestyle Ski Team
* LUKS Programming Competition
* Hack for a Cause 2020
* Skydiving
* Downhill Mountain Biking
* Backpacking

WORK EXPERIENCE

Novunex GmbH | Software Development Intern | *June – Sept. '19*

Worked alongside VP of Operations building custom QMS software for a wide variety of business applications. Worked directly with clients to bring outdated quality systems to paperless cloud-based automated processes. Wrote custom **SQL**, **JavaScript** and integrated **RESTful API**'s into software.

SiCamore Semiconductor Corp. | Business Analyst Intern | *July – Sept. '19*

Worked with SiCamore Semiconductor teams in updating DBMS, QMS and integrating with the Novunex cloud-based framework, as well as overall database management and consolidation.