Sean Paul Wilson

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EDUCATION

University of Oregon — Eugene, OR
Bachelor of Science in Computer Science — *Sep. 2016 – March 2021*
Bachelor of Science in Spatial Data Science
Minor in Entrepreneurship

EXPERIENCE

Software Engineering Intern — June 2020 – Present
Five Talent Software Inc. - Effectual Inc. — *Bend, OR*
- AWS Premier Consulting Partner with over 180 AWS certifications
- Worked directly with clients on moving existing software architectures into the AWS cloud
- Created and contributed to full-stack web applications while following a strict development life-cycle process
- Beta-tested new AWS features while reporting to senior AWS engineers in weekly scrum meetings

Software Developer Intern — June 2019 – Sep. 2019
Novunex GmbH. — *Klagenfurt, Austria*
- Worked with 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- Worked directly with clients to bring outdated quality systems to paperless, cloud-based automated processes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 JavaScript, SQL and integrated API's into SaaS solution to satisfy feature requests

Business Analyst Intern — June 2019 – Sep. 2019
SiCamore Semiconductor Corp. — *Bend, OR*
- Worked with Sicamore Semi teams in updating/implementing DBMS, QMS and CRM solutions
- Automated processes and integrated with the Novunex cloud-based framework

PROJECTS

Five Talent Resource Dashboard | *NodeJS, React, TailwindCSS, Material-UI* — June 2020 – Present
- Full-stack web application for project managers to access metrics on personnel/project status
- Created AWS Lambdas (NodeJS) which called RESTful API's to access company data and return parsed results
- Implemented a secure frontend using React, TailwindCSS, Material-UI and Okta authentication for SSO

SiteStall | *JS, HTML/CSS, Mozilla API's* — Feb. 2020 – March 2020
- Firefox extension designed to improve concentration by temporarily blocking distractions
- Collaborative group project with a team of 4 other developers using Mozilla API's to interact with browser

BreadCrumb | *Java, Google Maps API* — June 2019 – July 2019
- Android Application developed in Java where users drop "crumbs" and app displays a visual graphic overlay onto custom basemap (Google Maps API) showing all the places the user has traveled

UO CS Degree Guide | *C++, SQL, QT* — Jan. 2019 – Feb. 2019
- An Interactive Degree Guide for U of O CS Students showing paths to graduation
- Collaborative group project with 3 other developers in C++ using QT for GUI creation and SQL for data storage

Assorted Data Visualization Projects | *Python, JS(D3, SVG), Folium/Leaflet, FFmpeg* — Jan. 2019 – Present
- Through my second degree, and interest in climate change, I've developed multiple earth data vis. projects
- Visualization topics include: Global Sea Surface Temperature Change, Annual U.S. Wildfire Frequency and Geographic Distribution of different Global Environmental and Socioeconomic Variables

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C/C++, HTML/CSS, SQL, R, PHP(Yii)
Frameworks: NodeJS, React, Angular, OAuth, Serverless, Flask, TailwindCSS, Material-UI, QT, Google Analytics
Software/Systems: AWS, Git, Docker, MongoDB, Unix/Linux, Postman, Visual Studio, ArcGIS, Illustrator
Cloud: AWS Certified Cloud Practitioner, AWS*: [Lambda, API Gateway, EC2, S3, Cognito, IAM, Cloudformation, ...]*
Libraries: Pandas, NumPy, Matplotlib, Folium/Leaflet, D3, NPM*: [axios, serverless, aws-sdk, react, yarn, mocha]*
Extracurricular: Freestyle Skiing, Backpacking, Mountain Biking, Climbing, Exploring the Pacific Northwest