

# Danny Sibley

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**Objective:** To obtain a full time remote job as a software developer where I can fully utilize my skills.

## Education

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Nucamp Back End Coding Bootcamp	Graduated March 2022
University of Washington – Seattle, WA Bachelor of Science in Physics (Applied)	Graduated Summer 2016
Justus Liebig University – Giessen, Germany Foreign exchange student in the Physics Department	September 2015 – July 2016

## Skills

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Python • SQL • Flask • ORM • Git • DevOps AWS • Google Cloud • Azure • Kubernetes • Bash • Docker • RESTful API's • CI/CD • Google Analytics Certified • SEO • Data Analysis and Visualization • Solidworks • Technical Communication • Proficient in Speaking German • Microsoft Excel • Reading Blueprints and Layouts • Reading piping and electrical diagrams

## Related Work Experience

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Field Service Engineer III at Tokyo Electron	May 2017 - Present
<ul style="list-style-type: none"><li>• Promoted to lead engineer and supervised a group of 14 other engineers</li><li>• Collected data and performed analysis on various machines in order to optimize processes</li><li>• Used technical knowledge and mechanical experience to troubleshoot various issues in the manufacturing process</li><li>• Performed measurements with high precision on machines to gather useful data and make informed decisions</li><li>• Completed modifications on tools to improve processes using wiring, piping and construction diagrams</li><li>• Knowledge and advanced troubleshooting skills in chemical, software, pneumatic, electrical and robotic systems</li><li>• Executed complex problem solving in a high tech and fast paced environment</li></ul>	
Metal fabricator at Mohawk Metal	August 2016 – May 2017
<ul style="list-style-type: none"><li>• Fabricated, welded and assembled various parts from layouts with high precision</li><li>• Worked with Project Manager to develop efficient processes to overcome obstacles in fabrication</li></ul>	

## Related Coursework

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Software Development and Data Analysis	
<ul style="list-style-type: none"><li>• Used Python to build data structures, algorithms and perform data analysis</li><li>• Utilized PostgreSQL to create databases and write complex queries</li><li>• Created websites using Flask and ORM with SQLAlchemy</li><li>• Implemented DevOps technologies like Docker, Kubernetes and GitHub Actions</li><li>• Created RESTful API's</li><li>• Deployed projects to AWS, GCP and Azure</li><li>• Performed analysis and machine learning on large data sets to formulate accurate models</li></ul>	
Mathematics and Statistics	
<ul style="list-style-type: none"><li>• Studied Calculus, Differential Equations, and Linear Algebra.</li><li>• Studied Statistical Analysis to improve data collection and calculate uncertainties and error propagation</li></ul>	
Lab Experience	
<ul style="list-style-type: none"><li>• Built and designed analog and digital circuits</li><li>• Used computing systems with measured data and uncertainties to calculate accurate models</li></ul>	