

## 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   | November 2021 - March 2022 |
| University of Washington – Seattle, WA<br>Bachelor of Science in Physics (Applied)                | Graduated Summer 2016      |
| Justus Liebig University – Giessen, Germany<br>Foreign exchange student in the Physics Department | September 2015 – July 2016 |

## Related Work Experience

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| Field Service Engineer III at Tokyo Electron  | May 2017 - Present     |
| <ul style="list-style-type: none"><li>Engineer in a large semiconductor manufacturing facility</li><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><li>Worked with Quality Control to ensure weld codes and standard operating procedures were met</li></ul>   |                        |

## Related Coursework

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| Computing and Data Analysis   |
| <ul style="list-style-type: none"><li>Used Python to build data structures, algorithms and data analysis</li><li>Utilized PostgreSQL to create databases and write complex queries</li><li>Implemented technologies like Git, Docker, Flask, Django</li><li>Able to use computing systems and software to solve complex problems</li><li>Performed analysis on large data sets to make informed conclusions and 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>   |

## Skills

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Proficient in Speaking German • Microsoft Excel • Python • MATLAB • Django • SQL • Git • DevOps • Solidworks • Technical Communication • AutoCAD • Mathematica • Advanced Metal Fabrication • Carpentry • Welding • Drafting and Visualization • Reading Blueprints and Layouts • Reading piping and electrical diagrams

## Other Activities

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Alumni of Delta Tau Delta Fraternity – As a member of Delta Tau Delta have served in numerous executive roles including Philanthropy Chairmen, Honor Board Representative, and Head Rush Chairmen from November 2012 – December 2013, which involved managing a budget in excess of \$10,000.