

Owen Sanders

Software Engineer

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Reference sheet available.

Objective	Seeking a position as a full stack engineer, back end engineer or data engineer to utilize my skills in API development, cloud scale service creation and data analytics.
Qualifications	<p>Skilled in Python, Java, C, C++, SQL, JavaScript, HTML and CSS.</p> <p>Experience in object oriented programming, data analytics, and chatbot development.</p> <p>Experience with Lambda, Redshift, EC2, RDS and many other AWS services.</p> <p>Experience using Windows, MacOS and multiple GNU + Linux distributions.</p> <p>Passion for social justice, politics and computer ethics.</p>
Experience	<p>Data Analyst Intern, Shine, New York, New York — Summer 2018</p> <p>Improving Shine's data stack. Allowing for expanded event tracking without overhead. Trialing multiple Business Intelligence tools. Creating data dashboards using LookML, SQL and Python. Spun up and managed an AWS Redshift cluster. Completing Ad Hoc requests. Wrote custom scripts to synchronize production database tables.</p> <p>Engineering Intern, Poncho, New York, New York — Summer 2017</p> <p>Created a data pipeline. Added new features to the RESTful API (Python on EC2). Created Poncho's Data Dashboard (Node, React + D3). Wrote all of the back-end code that interfaces with the database, all of the networking code for the dashboard and some graphs. Created a Slack bot that delivers daily metrics.</p> <p>Shift Leader, Uncommon Grounds, Burlington, VT — July 2015- May 2018</p> <p>Directed staff in a fast paced, high volume, third wave coffee shop. Knowledgeable about brewing processes, espresso extraction, coffee regions and varieties.</p>
Projects	<p>Shine's data dashboards: Created more than a dozen dashboards containing charts and graphs displaying important KPI's and metrics. Developed in Periscope using SQL and Python with data from Mixpanel, AppsFlyer, and our MySql database.</p> <p>FoodFriend (Senior Capstone): A Slack bot for restaurant inquiries. Written in Python and hosted using AWS Lambda. Uses POS tagging to decode messages and find relevant reviews and create subscores. Session data and restaurant reviews are cached in Redis.</p> <p>Poncho's data dashboard.</p> <p>A FAT12 filesystem for my OS Architecture class. Made in C. Implemented necessary Bourne Shell functions: cd, pwd, cat, mkdir, ls and, most importantly, sl.</p> <p>NHTSA complaint data text mining project for my data analytics class. Made in Python using pandas and ipynb. Used sentiment analysis to grade accident severity. Foretold recalls.</p>
Education	<p>Champlain College, Burlington VT</p> <p>Bachelor of Science Degree. Major in Computer Science and Innovation. Specialization in Software Engineering. Minor in Game Programming.</p> <p>3.56 Cumulative GPA.</p> <p>Graduated Cum Laude - May 2018</p>