1511 Franklin Ave. SE
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JOSEPH PETERSON

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EMPLOYMENT

Product Support Engineer **Sezzle Inc.** **May 2018 - Present**
- Optimized internal web dashboards to match customer support team workflows.
- Grew customer support team from handling 100 to 1000 weekly tickets.
- Solved internal and customer facing product issues.
- Automated customer support performance metrics.

Intern Software Developer **Sezzle Inc.** **Feb. 2018 - May 2018**
- Implemented program to produce multiple customer creditworthiness data points.
- Integrated TransUnion's credit report API into the credit approval process.

Lead Beowulf Cluster Manager **St. Olaf College** **May 2016 - Jan 2018**
- Administered networks, web servers, and laboratory workstations for 100 users.
- Collaborated with students and faculty to utilize high performance Linux clusters and workstations in research projects.

Python Web Developer **St. Olaf College** **May 2017 – Aug. 2017**
WebMapReduce
- Redesigned Django frontend to expand data processing options for users.
- Integrated a custom ReST API for submitting jobs to the Hadoop data processing backend.
- Configured and GitLab CI testing environment.

EDUCATION

Northfield, Minnesota **St. Olaf College** **Aug. 2014 – May 2018**
Bachelors in Computer Science
- Cumulative GPA: 3.4
- Relevant coursework: Algorithms and Data Structures, Parallel and Distributed Computing, Linear Algebra, Differential Equations

TECHNICAL EXPERIENCE

Languages and Technologies
- Javascript, Go, Python, C++
- React, MySQL, Git, Linux, Three.js, GLSL

Projects
4D Geometry Viewer
- Built for a St. Olaf math professor teaching a course on 4D geometry.
- Developed 3D plane/triangle and 4D cube/tetrahedron intersection algorithms.

Progressive Mesh Streaming
- Built web frontend for displaying polygon and texture data from AJAX requests.
- Improved navigation and benchmark tools.

ADDITIONAL EXPERIENCE

- Exhibition Volunteer Science Museum of Minnesota Nov. 2018 - Present