

TYLER PETERSON

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EXPERIENCE

Software Engineer Intern, ClientSuccess, American Fork Aug 2016 - Jan 2017

- Developed fullstack features to give customers control over their data using Clojure, Node.js, Docker, Angular, and SQL.
- Automated multiple tasks previously done manually, saving customer support several hours per day.

Software Engineer Intern, Visa, San Mateo Jun 2016 - Jul 2016

- Built a monitoring tool to analyze Jenkins deployments across dozens of internal servers using Node.js and Elasticsearch.
- Rewrote image resizing code for Visa Checkout in Java, resulting in a significant increase in card image quality.

Full Stack Developer, BYU OIT, Provo Feb 2016 - May 2016

- Created internal tools to track and reduce compromised/infected systems on campus using PHP and JavaScript.
- Helped design and implement MySQL database architecture.

Data Analyst Intern, Visa, San Mateo Jun 2015 - Aug 2015

- Wrote SQL queries to deliver insight into the effectiveness of promotional campaigns.
- Developed dashboards and alerting systems to detect statistical abnormalities in data trends.

EDUCATION

Brigham Young University

B.S. Information Systems 2018

Computer Science Minor

- VP of Engineering, Developers Club
- IBM Watson Scholar
- BYU Merit Scholarship
- GPA: 3.38

PROJECTS/HACKATHONS

Neural Style VR Nov 2016

- Applied neural networks to artistically stylize 360° videos, and built an API to stylize any photo or Youtube video easily.

Passive Inspection CubeSat Sep 2014 - Current

- \$200,000 NASA grant recipient to develop cube satellite for 360° content capture in orbit, launching Winter 2017.

Robot Lawyer Mar 2016

- Built a friendly chatbot to generate completed legal forms for local court systems.
- Won CourtHacks 1st place and presented at eCourts Vegas 2016.

Streetlapse Mar 2016

- Web application that generates 1st person timelapse travel between A/B points in Google Maps using Streetview.

M3Dical Jun 2015

- HP Sprout application that generates custom 3D printable finger braces from scans.
- Autodesk 1st place, HP 2nd place, AngelHack hackathon finalist.

SKILLS

Proficient: Python, Java, JavaScript, SQL, HTML, CSS

Familiar: Clojure, C#, C++, PHP

Frameworks/Libraries: Node.js, Django, ASP.NET, SASS, jQuery, Bootstrap

Tools/Databases: Linux, Docker, Git, Vagrant, PostgreSQL, MongoDB, AWS