PARKER G. BRONSON

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EDUCATION

Brigham Young University
Master's Degree, Information Systems Management   **April 2020**

B.S. Mechanical Engineering, Minor: Computer Science   3.44 GPA

Certifications: AWS Cloud Practitioner, AWS Solutions Architect Associate (In Progress), Salesforce Admin (In Progress)

Specialized Courses: Enterprise Infrastructure, Advanced Data Analytics, Information Security & Controls, Information Security Management, User Experience Design, Software Design & Testing

Technical Skills: Java, Linux, Salesforce, Apex, Oauth, Android, JS, Splunk, Python, C#, C++, VBA

EXPERIENCE

Obeo - Software Engineer   **Jan 2019 – Present**
- ○ Built regression testing environment in Salesforce for end to end business processes that exposes defects before deployment to push toward Continuous Integration.
- ○ Developed a Salesforce CLI tool for loading sample data into new sandboxes saving 60 minutes for every new sandbox to facilitate Continuous Delivery.
- ○ Configured back-end API integrations with Youtube, Filestack, and Salesforce One.

FedEx - Information Technology Intern   **Summer 2018**
- ○ Led development team to earning Director's Choice Award 2018 for developing an application to monitor FedEx network health.
- ○ Used Splunk to identify network failure from real-time syslog data sets

BYU CAD Lab - Research Assistant Spirit Aerosystems   **Feb 2017-Jan 2019**
- ○ Collaborated in a team to build a neutral interface that builds models in both NX and Catia, enabling a smooth transition to NX for Spirit AeroSystems.

Caldera Engineering - Technology Development Intern   **Summer 2017**
- ○ Independently developed, presented, and implemented a simulation of a company process to pioneer the expansion of Caldera to the oil industry.

BYU Financial Services - Process Development   **2015-2017**
- ○ Promoted due to automating charge upload and reconciliation processes with various SQL queries and VBA macros.
- ○ Planned and created a VBA invoicing software currently used by departments on campus.

PROJECTS

BYU Mars Rover - Autonomy Team   **August 2018-May 2019**
Researched, planned, and developed an autonomous rover navigation simulation using path planning algorithms and computer vision.

CS 340 — Advanced Programming Concepts — Team Project— Built a full stack Ticket To Ride Board Game app in Android and Java integrated with Google Maps API, SQLite, and MongoDB.

React JS Website — Personal Project — Developed a personal website built in React JS with react-bootstrap and other open-source components.

ACTIVITIES / LEADERSHIP

The Church of Jesus Christ of Latter Day Saints - Volunteer Arizona   **2013-2015**
- ○ Directed the training of 200 full-time representatives to teach life skills 80+ hours per week.
- ○ Participated in 20+ humanitarian and service projects in the Phoenix area.

Eagle Scout — February 2012