Andrew Tran

andrewtran@salesforce.com | 517-896-2112
Website: http://andrewtran634.github.io | **Github**: https://github.com/andrewtran634

SUMMARY

Software Engineer with experience in full stack web development, integration and unit test development, and big data systems development. Effective team player that works well in Agile and Scrum based environments

SKILLS

Proficient: Java, C++, Python, Kafka, Akka, Spark, SQL, HTML5, CSS3, jQuery, JavaScript, Git, Agile, Springboot
Familiar: Scala, Cucumber, Node.js, Adobe Illustrator, Flask, Django, Ruby, HBase

EXPERIENCE

Salesforce   **San Francisco, CA**
Associate Software Engineer   **May 2017 – Present**

- Developing early stages of Salesforce Integration Builder to resolve issues of nonuniform customer data across multiple Salesforce platforms.
- Implement features to ingest, process, and resolve disjunct data, and features to concurrently stream data through different components of the data integration pipeline.
- Develop and deploy microservices to connect with and stream data and metrics from products across multiple development teams and organizations within Salesforce

Salesforce   **Indianapolis, IN**
Software Engineering Intern   **May 2016 – Aug 2016**

- Designed and built Ruby gem to house common internal tools for Salesforce Marketing Cloud's Quality Engineering Automation Team, particularly a logging tool to expedite and ease debugging across development teams.
- Built out QE Automation Team's testing web application to help Software Engineers in Test track and visualize test duration metrics using Ruby, StatsD, and Instrumental.

Vertafore   **East Lansing, MI**
Software Operations Intern   **May 2015 – Aug 2015**

- Analyzed database fix patterns and worked with development to find and fix root causes of bugs
- Utilized SQL and Pentaho Report Designer and Data Integration to automate customer and business report generation
- Developed scripts to detect the website downtime of Vertafore's partner, the National Insurance Producer Registry (NIPR). Service was pushed to the company's SolarWinds network monitoring dashboard

University of Michigan Advanced Research Computing Technology Services   **Ann Arbor, MI**
HPC Developer   **Feb 2015 – April 2015**

- Updated and tested system bash scripts on the university's High Performance Computing cluster to automate compute node reboots in the event of unauthorized user processes and user overuse of allocated memory

Institute for Cyber Enabled Research (iCER), Michigan State University   **East Lansing, MI**
Research Intern/Assistant   **Jun 2014 – Aug 2014**

- Designed and ran Python and Bash scripts to test and record computing node speeds on MSU's High Performance Computer's infiniband network.
- Developed Python scripts to collect data from my tests and display data in histogram representation, also wrote scripts to analyze collected data and identify potentially slow or faulty nodes

EDUCATION

University of Michigan   **Ann Arbor, MI**
B.S. Computer Science, Minor Environmental Science   **Dec 2016**