

ROHAN SAINI

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EDUCATION

University of Michigan (Ann Arbor), College of Engineering
B.S.E., Computer Science, Minor in Business

April 2019

- **GPA:** 3.70/4.00
- **Coursework:** Data Structures and Algorithms, Operating Systems (EECS 281 and EECS 482)
- **Activities:** UM Solar Car Team, Michigan Business Club, Michigan Financial Innovation Group, Wolverine Tutors

Thomas Jefferson High School for Science and Technology

June 2015

SKILLS

Languages

- Java, C++, C, SQL, PHP, HTML/CSS, JavaScript, Linux shell scripting, ARM

Technology

- Hadoop, Spring, Hibernate, MATLAB, jQuery, Bootstrap, R, Excel-VBA, Microsoft Access, ArcGIS, SpagoBI, Arduino, Adobe Illustrator

EXPERIENCE

JPMorgan Chase & Co.

Chicago, IL

Software Engineering Intern

January 2017 – Present

- Analyzed current Corporate Credit-Card onboarding system and identified several overarching pain-points
- Re-designed onboarding pipeline into a streamlined and cohesive platform. Presented system architecture diagrams of new platform to Commercial Card stakeholders
- Developed dynamic Spring MVC web application to implement proposed platform. Utilized JSP servlets, MariaDB, and the jBPM framework to create fully integrated workflows hosted on the internal cloud
- Used Bootstrap and jQuery to build an optimal front-end experience for users

Fannie Mae

Reston, VA

Software Engineering Intern

May 2016 - August 2016

- Developed Linux shell scripts to continuously push investor mortgage data into Hadoop Distributed File System (HDFS) and test whether the data was processed and then published to Fannie Mae website
- Wrote and implemented heartbeat bash script program that ensured functionality and efficiency of Fannie Mae Big Data enterprise application every hour
- Designed Java programs to access and search through HDFS directories for desired files

University of Michigan Solar Car Team

Ann Arbor, MI

Strategy Division Member

September 2015 – December 2016

- Led project to create application using Excel VBA to implement QR-Code based inventory system
- Developed GUI using HTML/CSS and PHP that tracks weather data over an extended period of time, caches that data, and then displays the appropriate weather map figures without internet connection

Arcturus Technology

Leesburg, VA

Business Intelligence Intern

July 2015 - September 2015

- Helped create improved dashboard for “Appicare” product using SpagoBI software in order to monitor business intelligence data for mobile applications