

Jason Liu

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EDUCATION

University of Wisconsin-Madison

Madison, WI

❖ Bachelor of Science- GPA: 3.82

Sept. 2017–May 2020

❖ Major: Computer Science; Minor(s): Mathematics, Business

PROFESSIONAL EXPERIENCE

JP Morgan Chase

June-August 2019

Software Development Intern

Worked within Investment Banking to develop an analytics application for depositary receipt investments

Designed and implemented architecture for OracleDB, creating queries and developing procedures and triggers

Utilized Spring and Spring Integration, Redux, Axios, RESTful, and React to create deployed production code

Tested features with JUnit for unit testing, Cypress for end to end testing, and Jenkins for integration testing

Capital One

June-August 2018

Associate Software Engineer

Developed orchestration and frontend layers in primary application used for banking and credit cards

Created new components and widgets with RESTful APIs, Java, and AngularJS

Tested endpoint responses with Mountebank and created end to end testing with Cucumber and Protractor

Associate Software Engineer

June-August 2017

Created internal analytical software to analyze financial health using AngularJS, Groovy, and Karma

Learned and used Agile methodology by attending daily scrums, standups and using tools such as Jira

L&S Center for Academic Excellence

Oct 2017- May 2018

Webmaster and Social Media Coordinator

Developed website for Center for Academic Excellence, utilizing Google Analytics to optimize engagement

Coordinated with Letters and Science organizations and programs to convert legacy PHP projects to Node.js

Brain Health Alliance

Software Intern

June-September 2016

Investigated potential of machine learning based web scraper for research focused semantic web

Implemented a NoSQL MongoDB database with Mongoose ODM to store research metadata

EXTRACURRICULARS AND LEADERSHIP

Artificial Intelligence Club

2017-Present

Financial Executive Officer

Responsible for guiding research and budgeting resources to improve AI engagement

Created Slack bot with Heroku endpoint as a central tool for club planning and finances

Completed learning and research focus on data modeling and analytics

UNICEF

2017-Present

HONORS AND ACHIEVEMENTS

“Genetic Algorithm Based Descension for Improved Hyperparameters on Low Layer NN ” Author

2019

“New and Old Regulatory Politics in the Airline Industry” Research Contributor

2019

Developed script for analytics and data scraper for airline data

Hack the North - Hardware Hack Award

2018

Academic Dean’s List

2018 - 2019

SKILLS

Programming Languages: Java, Python, C, JavaScript
Frameworks: Keras, PyTorch, Spring, REST, React, Angular
Relevant Interests: Machine Learning and Data Modeling

Testing: JUnit, Jasmine, Karma, Mocha, Chai,
Protractor, Cucumber, Mountebank, Cypress
Misc: SQL and PL/SQL, Git, Linux, Jira, Jenkins