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 created architecture for Oracle DB, 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 API routing using Java, TypeScript, and AngularJS
- Tested API responses with Mountebank 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 pages
- Coordinated with Letters and Science organizations and programs to maintain and rework site

Brain Health Alliance
Software Intern   *June-September 2016*
- Utilized a MEAN full-stack solution to investigate the potential of an AI scraper research based semantic web
- Implemented a NoSQL MongoDB database with Mongoose ODM to store metadata on research
- Collaborated with peers to write and publish a paper in the W3 Consortium journal

EXTRACURRICULARS AND LEADERSHIP

Artificial Intelligence Club   *2017-Present*
- *Executive Officer: responsible for guiding research and budgeting resources to improve AI engagement*
- *Completed learning and research focus on data modeling and analytics*

Software Development Club   *2017-Present*
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	Testing: JUnit, Jasmine, Karma, Mocha, Chai,
Frameworks: Keras, PyTorch, Spring, REST, React, Angular	Protractor, Cucumber, Mountebank, Cypress
Relevant Interests: Machine Learning and Data Modeling	Misc: Git, Linux, Jira, Jenkins