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
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: SQL and PL/SQL, Git, Linux, Jira, Jenkins