Jason Liu

jasonjliu.com
jliu1052@gmail.com · 703.732.0816

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 full-stack application used for ADR investments analytics
- 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
- Helped develop orchestration and frontend layers in primary application used for banking and credit cards
- Created new components and widgets with API routing using AngularJS, TypeScript, and Java
- Wrote tests in Cucumber and Protractor and used Mountebank to simulate API calls and failures

Associate Software Engineer   *June-August 2017*
- Helped develop 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

STEMBassadors
Teacher Assistant   *June-September 2015*
- Worked to engage students in STEM through experiments and scientific processes

EXTRACURRICULARS AND LEADERSHIP

Software Development Club   *2017-Present*
UNICEF   *2017-Present*

HONORS AND ACHIEVEMENTS

"New and Old Regulatory Politics in the Airline Industry" Research Contributor	*2019*
Hack the North - Hardware Hack Award	*2018*
National AP Scholar and AP Scholar with Distinction	*2016 & 2017*

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: Git, Linux, Jira, Jenkins