

Jason Liu

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EDUCATION

University of Wisconsin-Madison

❖ Bachelor of Science

○ GPA: 3.82

❖ Major: Computer Science; Minor: Mathematics

Madison, WI

Sept. 2017–May 2020

Thomas Jefferson High School for Science and Technology

❖ Jefferson Diploma

❖ ACT: 35 (Reading: 36; Math: 36; Science: 34; Writing 33)

Alexandria, VA

Sept. 2013–June 2017

EXPERIENCE AND LEADERSHIP

Capital One

June-August 2018

Associate Software Engineer

Worked on core team for developing web application, utilizing AngularJS, and TypeScript to operate on the orchestration and frontend layers

Wrote end-to-end tests in Cucumber and Protractor and used Mountebank to simulate API calls and failures

Created unit tests using Jasmine and Chai to validate resiliency and test features

Associate Software Engineer

June-August 2017

Helped develop application using AngularJS, Groovy, and writing unit tests using Jasmine, 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

Employ social media to generate interest in the CAE website and programs

Brain Health Alliance

Software Intern

June-September 2016

Utilized a MEAN full-stack solution to investigate the potential of a NoSQL semantic web

Focused on implementing MongoDB database with Mongoose as part of a Node web application

Collaborate with peers to write and publish a paper in the W3 Consortium journal

STEMBassadors

Teacher Assistant

June-September 2015

Worked with elementary school children to help develop STEM interests at an early age

Organized and led math, science, and tech experiments among 1st to 6th graders

UNICEF

2017-Present

Software Development Club

2017-Present

Artificial Intelligence Club

2017-Present

Thomas Jefferson Crew (Winter/Spring) and Resilient Rowing (Summer/Fall)

2013-2017

HONORS AND ACHIEVEMENTS

National AP Scholar and AP Scholar with Distinction

2016 & 2017

Jefferson Crew Most Valuable Player

Summer 2016

Scholastic National Championship Regatta Men's Varsity Second 8+

Spring 2014

SKILLS

Programming Languages: Java, Python, JavaScript

Relevant Interests: Artificial Intelligence and RNN

Testing: JUnit, Jasmine, Karma, Mocha, Chai,

Protractor, Cucumber, Mountebank

Misc.: Git, Linux