

Zuyi Chen

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Education

University of Illinois at Urbana-Champaign

Master of Science in Computer Science. (3.89/4.00)

August 2018 – May 2019

University of Illinois at Urbana-Champaign

Bachelor of Science in *Computer Science*, (3.56/4.00)

August 2015 – May 2018

Edmund J. James Scholar, College of Engineering Dean's List

Work Experience

Relativity ODA

June 2019 – Present

Software Engineer

Chicago, IL

- Rewriting legacy enterprise applications to increase build stability. Code and branch coverage increased to 80% or above, end to end tests added, documentation created.
- Migrating CI/CD Jenkins Pipelines from On-premise to Cloud based. Used a combination of Chef Script and Groovy to create fast deployment and tear down of build infrastructure which resulted in a 20-30% decrease in flaky tests, ability for fast concurrent builds, and improved error logging by 50%.
- Using Typescript and Aurelia to help create single page applications for document review.

Mcelwain Labs

July 2018 – May 2019

Research Assistant

Urbana-Champaign, IL

- Parsed and templated csv data through Python to run regression models on biometric data of infants. The result showed an $r \sim 0.6$ correlation between infant biometric signal and nurture time.
- Upgraded existing data analysis infrastructure to be more user friendly by abstracting script running from researchers.

G.E.M.S Camp

June 2018 – August 2018

Head counselor

Urbana-Champaign, IL

- Developed a 7-week curriculum in collaboration with Girls Who Code to teach computer science to high school and middle school students.
- Lead a group of 4 counselors to educate classes of 30-40 students.

Skills

- Programming Languages: Python, Javascript, Java, C#
- Web Development: Django, Flask, React, Node JS, HTML5, CSS, MVC model, MVVC model
- Version control: Git, Github, BitBucket
- Testing: Selenium, mocha, Junit, Moq, NUnit
- Database: MySQL, postgresql
- Configuration Management: Chef
- CI/CD: Jenkins, Groovy

Volunteering

- iMentor Chicago (2019 – Present)
- Girls Who Code (2016 – 2019)