

Lynn Zheng

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EDUCATION

The University of Chicago

Chicago, IL, US

Joint Bachelor and Master of Science in Computer Science with a Specialization in Machine Learning

Bachelor of Arts in Statistics

June 2021

GPA: 3.945/4.00

Awards: Student Marshal, Enrico Fermi Scholar, Phi Beta Kappa Academic Honor Society (2020), Dean's List (2017 – 2020)

COURSEWORK & CERTIFICATION

Software Development, Networks and Distributed Systems, Parallel Computing, Databases, Computer Security, Algorithms, Cryptography, Computational Linguistics, Machine Learning, Speech Technologies

CodePath iOS & Android Development

Salesforce Lightning Web Components Specialist

EXPERIENCE

Salesforce, Inc.

San Francisco, CA, US

Software Engineering Intern on the Industries Team, Health Cloud

June 2020 to September 2020

- Built a feature requested by 300+ Salesforce developers for generating PDFs from Salesforce Lightning Web Components
- Created said feature with a JS frontend without third-party libraries and a Java Spring RESTful backend server on Heroku

UChicago Jason Salavon Studio

Chicago, IL, US

iOS Development Intern

November 2019 to March 2020

- Engineered DeepStyle, an app downloaded 1000+ times and rated 5 stars, that applies real-time AI style filters to videos
- Implemented a dashboard for the studio dev team to visualize collected user statistics like device types and session lengths

VIA Technologies, Inc.

Shenzhen, China

Software Engineering Intern in PC and iOS App Development

June 2019 to September 2019

- Built VPai Home, a PC app downloaded 10,000+ times, that livestreams and process alerts from home security cameras
- Achieved a 54% increase in downloads of VPai Home iOS by implementing a QR code scan-to-log-in feature

UChicago TechTeam

Chicago, IL, US

Program Development Chair, Project Leader

January 2018 to June 2021

- Instruct 50+ students with no prior coding experience by creating and leading weekly workshops on Python Data Science
- Engage 100+ students every year in 10+ civic tech projects with clients like nonprofits and local governments in Chicago

PROJECTS AND SKILLS

Extracurricular Projects:

Learn to Code RPG

June 2021 to present

- Create a visual novel game with 20k downloads, 4.7 stars on itch.io using *Ren'Py* (game development engine)
- Deliver new contents like hours of new gameplay, 25k new dialogues, new characters every quarter

Chess Engine for Ren'Py

August 2020 to September 2020

- Built a chess engine rated 5 stars on itch.io by integrating *Ren'Py* with *python-chess*

Exhibitor Look-Up Web App for the 2019 Grace Hopper Celebration

September 2019

- Achieved 200+ daily page views by hosting exhibitor data scraped from the *Google Knowledge Graph API* in *JS DataTables*

Smart Luggage Case “Bon Voyage” with Autobrake

June 2016 to August 2016

- Awarded Fabrication Lab Honored Student for building an autobrake system with 3D-printed wheel locks and Arduino

Programming: Python, Java, C/C++, JavaScript, HTML, XML, CSS, Ruby on Rails, R, SQL, Swift, Go

Technologies: Git, iOS, Xcode, Android, PyTorch, TensorFlow, Java Spring, Linux, Visual Studio, Heroku, Salesforce, Jekyll