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   Expected, 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 present
- 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:
Chess Engine for Ren'Py   August 2020 to September 2020
- Built a chess engine rated 5 stars on itch.io by integrating *Ren'Py* (game dev engine, GitHub 2.7k stars) 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

Class Projects:
Phonetic Acoustic Word Embeddings   May 2020 to June 2020
- Achieved an 89% precision in training word embeddings in *PyTorch*; Produced demo and visualization with *TensorBoard*

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