chenqian
computer science major

about
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LinkedIn

programming
Python, Java, C++
SQL, MongoDB

web dev
React, Node, Express,
Javascript, D3,
HTML, CSS

design
Photoshop, Illustrator,
Audition, Premiere

languages
bilingual
english/chinese

summary

Undergraduate computer science major focusing on machine learning, data mining and designing user experiences. Machine learning work has spanned natural language, image and structured data including public records.

education

since 2016	**B.S.** candidate in Computer Science	University of Illinois Urbana-Champaign

Minor: Art + Design
GPA 3.98/4.0, Dean's list every semester
Relevant Coursework: Database Systems, Computer Architecture, System Programming, Independent Study on Data Mining for Social Good

2013-2016	**High school**	No. 2 High School of East China Normal University

Top high school in Shanghai, specializes in science and mathematics

experience

2017-2018	**University of Illinois Social Spaces Group**	Research Assistant

Exploratory data mining, predictive machine learning and analysis on large data sets (including developing visualizations and regression models). Early work also developed a web app that connected to social media APIs and allowed users to filter their news feeds.

2017	**Cybernet Systems**	Intern

Web development for Shanghai firm developing mathematics software. Also proactively uncovered bugs (e.g. mail system errors) and fixed them.

2014-2015	**No. 2 High School of East China Normal University**	Researcher

Developed a prototype to retrieve images by semantic description. Trained a neural network to map from image features to high level emotional descriptions of images.

leadership

2017-2018	**Project Manager for CS196 Undergraduate Research**	CS Department

Mentored teams of undergraduate students working on independent research projects. Developed students technical skills, provide code reviews and guidance on problem solving strategies.

2018	**Team Leader**	Database Systems Course

Leading team developing a platform for exchanging second hand books, with a SQL backend to track books, user profiles, and transactions.

interests

Sailing club, ACM SIGGRAPH, WCS, Coursera course translation contributor