chenqian

computer science

about

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programming

Python, C++, C
SQL, MongoDB

web dev

React, Node, Vuejs,
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 full stack web development. 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 3.95/4.0, Dean's list every semester
Relevant Coursework: Virtual Reality, Database Systems, Computer Architecture, System Programming, Applied Linear Algebra, 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

2018 **National Center for Supercomputing Applications** — Research Assistant
Front end web development for health data visualization and interaction using React. This app will replace the current health data query website in Illinois, IQuery, to make it faster and more straightforward for both regular and professional users. Working with Illinois Department of Public Health.

since 2017 **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.