# chenqian
computer science major

## about
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## 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 full stack web development. Machine learning work has spanned natural language, image and structured data including public records.

## education

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|---|---|---|
| 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: Database Systems, Computer Architecture, System Programming, Independent Study on Data Mining for Social Good

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

Top high school in Shanghai, specializes in science and mathematics

## experience

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| 2018 | **National Center for Supercomputing Applications** | Research Assistant |

*Website development for health data visualization and interaction using React.*

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| 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.*

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|---|---|---|
| 2017 | **Cybernet Systems** | Intern |

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

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|---|---|---|
| 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

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| 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.

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| 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.