

# Shaokang Jiang

La Jolla, CA

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## EDUCATION

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### University of California San Diego

La Jolla, CA

M.S. in Computer Science and Engineering, Planned Thesis: "Usability analysis of autocomplete"

Starting Sept 2022

### University of Wisconsin-Madison

Madison, WI

B.S. in Computer Science, GPA: 4.00/4.00, Graduate with distinction in the Major

Graduated May 2021

## SKILLS

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- **Coding:** Java, Python, C, C++, HTML/CSS/Javascript, Matlab, Jsp, Git,  $\text{\LaTeX}$ , GAMS, Markdown, Haskell, React, Expo, ejs
- **Technologies/Environment:** Windows, Linux, SQL, Github, Cloudflare, Azure, JIRA, Trello, DevOps, Agility, JMP

## PROJECTS

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See full list of projects on [shaokangjiang.github.io/projects/](https://shaokangjiang.github.io/projects/) or on my Github

### A Financial Web App (HTML/ejs/Worker, 2020)

- Led group of 4 people make Financial teaching website with useful tools for Capital One, e.g. yearly budgeting tool and quizzes

### A JavaFx program (Java, 2020)

- A Java GUI program to manage and lookup some data among different farm

### Energy Simulator (HTML/WebGL/Java, 2020)

- Decision-making by solving linear problem and simulating energy running website/Java GUI with 3D representation

### Financial Organization App (RN/NLP.js, 2020)

- An app to organize expense and income with voice interaction on locally NLU for Capital One

## EXPERIENCE

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### Graduate student researcher — University of California San Diego

Jun 2023–Sept 2023

- Worked with professor on the usability analysis of autocomplete
- Design and execute the experiment; analyze data; and write a paper for the study.

### Teaching Assistant — University of California San Diego

Jan 2023–Jun 2023 & Sept 2023–now

- Major TA for Java courses (DSC30); held office hours and discussions to help students for two quarters
- Sole TA for the usability of the programming language course (CSE291) for one quarter.
- Propose, design, and build brand new, novel HWs and check their HW. Had discussions with the professor, and students and collaborated with team members about the structure and content of this course; Led discussions.

### Teaching Assistant — Illinois Institute of Technology

Aug 2018–May 2019

- Instructed students in lab sessions of Java courses and held office hours to help students best understand class content
- Checked their homework regularly and had discussions with the professor and collaborated with team members about ways to improve this course and solve the major problems of students.

### Research Assistant — Illinois Institute of Technology

Jan 2019–May 2019

- Implemented POW(Bitcoin) blockchain and POS(EOSIO) blockchain system on a blockchain emulator to help them measure the performance of the emulator

### Student Assistant at ARC — Illinois Institute of Technology

Jan 2019–May 2019

- Tutoring and teaching students with their coursework related to computer science

### Volunteer Tutor — University of Wisconsin-Madison

Jan 2021–May 2021

- Help students with their coursework related to computer science at computer science learning center

## SCHOLARSHIPS AND AWARDS

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| • Dean's List of College of Science at IIT                  | Fall 2017–Spring 2019 |
| • International Scholarship at IIT                          | Fall 2017–Spring 2019 |
| • Member of Upsilon Pi Epsilon at IIT                       |                       |
| • Dean's List of College of Letters & Science at UW-Madison | Fall 2019–Spring 2021 |