

# Shaokang Jiang

Madison, WI

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## EDUCATION

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### University of Wisconsin-Madison

Madison, WI

B.S. in Computer Science, GPA: 4.00/4.00

Aug 2019–May 2021

### Illinois Institute of Technology

Chicago, IL

B.S. in Computer Science, GPA: 4.00/4.00

Aug 2017–May 2019

## SKILLS

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- **Coding:** Java, Python, C, C++, HTML/CSS/Javascript, Matlab, Jsp, Git, L<sup>A</sup>T<sub>E</sub>X, GAMS, Markdown, React, Expo, ejs
- **Technologies/Environment:** Windows, Linux, SQL, Github, Cloudflare, Azure, JIRA, Trello, DevOps, Agility

## PROJECTS

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See full list of projects on [shaokang.ga/projects/](https://shaokang.ga/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

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

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

### Seat Arrangement Problem (GAMS/Cplex, 2019)

- Decision-making script that solves a problem about how to arrange seats in an imaginary library

### A JavaFx program (Java, 2020)

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

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

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

### HateFate Website (HTML/Jsp/SQL, 2017)

- Led group of 4 people to make a website contain basic functions, e.g. login, signup with email verification, pairing different people

## EXPERIENCE

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### 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.

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

Jan 2019–May 2019

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

### 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

### 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–Fall 2020