

# Shaokang Jiang

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GitHub: ShaokangJiang

## 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(expected)

### 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, HTML/CSS/Javascript, Jsp, Git, L<sup>A</sup>T<sub>E</sub>X, GAMS, Markdown, React, React Native, ejs
- **Technologies/Environment:** Windows, Linux, SQL, Github, Cloudflare worker, Azure

## PROJECTS

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

### A website project (HTML/Jsp/SQL, 2017)

- A website contain some basic functions, including login, email verification, pairing different people

### Seat arrangement problem (GAMS/Cplex, 2019)

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

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

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

### A JavaFx program (Java, 2020)

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

### Projects related to OS coursework (C, 2018)

- Dynamic memory allocator, cache simulation and optimization, a shell program and more using C99

### A Financial web app (HTML/ejs/Worker, 2020)

- Financial teaching website with useful tools, e.g. stock simulator and quizzes

## EXPERIENCE

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### Teaching Assistant | Illinois Institute of Technology

Fall 2018–Spring 2019

- Held lab sessions and office hours.
- Check their homework regularly and had discussions with the professor and others about ways to improve this course and the major problems of students.

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

Spring 2019

- Help students with their coursework related to computer science

### Research Assistant | Illinois Institute of Technology

Spring 2019

- Implement POW(Bitcoin) blockchain and POS(EOSIO) blockchain system on a block chain emulator system

## 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 Science at UW-Madison Fall 2019–Spring 2020