

Ruichen Li

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Beijing

<https://rlinter.github.io/ruichenli/>



EDUCATION

University of California, San Diego (UCSD)

Sep 2019 - Jun 2022

Major: Computer Science Bachelor

La Jolla, CA

GPA: 3.91 / 4.00

Relevant coursework: Software Engineering (A), Advanced Data Structures (A+), Design & Analysis of Algorithm (A+), Honors Linear Algebra (A)

Princeton International School of Mathematics and Science

Sep 2015 - Jun 2019

Senior High School

Princeton, NJ

GPA: 3.86 / 4.00

Honors/Awards: Silver at USA Computing Olympiad, Meritorious in 2018 High School Mathematical Contest in Modeling (HiMCM)

PROJECT EXPERIENCE

Find Your Home and Roommate Around UCSD

Feb 2021 - Present

Backend developer

- Developed the authentication system and the API to the MongoDB database
- This project aims to help the UCSD students and faculties to find their desired apartments and roommates around the campus

Pomodoro Timer

Jan 2021 - Mar 2021

Developer & group leader

- Accomplished the webpage's front end framework and its functionalities
- Achieved unit testing using jest and E2E testing using cypress
- This is a class project that aims to develop a timer that tracks your tasks and boost productivity
- Link to product: <https://calee0316.github.io/cse110-w21-group3/timer/index.html>

NBA4ALL

Mar 2021 - Present

Developer

- Developed the front end and an NBA API to get everyday's statistics
- A webpage for basketball fans to look at the NBA scores and sneakers

RESEARCH EXPERIENCE

Computational Sustainability Research on Dust Fall

Sep 2017 - Jun 2019

- Achieved a dust fall prediction model with nearly 80% accuracy using an artificial neural network (ANN)
- Presented my poster in the 2018 IEEE Integrated STEM Education Conference (ISEC)

SKILLS, CERTIFICATIONS & OTHERS

- **Skills:** Java, R, HTML&CSS, JavaScript, NodeJS, Express, ReactJS, Python, C/C++
- **Languages:** Chinese (Native), English (Fluent), Japanese (Basic)