

RUIQI PENG

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🎓 EDUCATION

University of Illinois at Urbana-Champaign, Urbana, IL 2017 – Present

B.S Mathematics + Computer Science, Expected graduation: December, 2020

Jakarta International School, Jakarta, Indonesia 2014 – 2017

High school AP+IB student

👥 WORK EXPERIENCE

CS 125 course assistant Jan, 2018 – Present

University of Illinois at Urbana-Champaign Urbana, IL, US

Course assistant of an introductory CS course at UIUC

- Assisting with a 2-hour lab section of the course weekly.
- Holding 1-2 office hours weekly for students to ask questions.

📁 PROJECT HIGHLIGHTS

rickypeng.com Nov, 2017 – Dec, 2017

Personal website with a blog HTML5 / CSS / JS / Bootstrap

- A static website that introduces myself.
- The blog used Jekyll (The posts are markdown files)

Time complexity calculator Dec, 2017 – Dec, 2017

Algorithm Analysis Java

- Analyze algorithms' complexity with Big O notation.
- Plotting different functions to achieve the analysis.

Gomoku simulator with AI Feb, 2016 – Mar, 2016

Board game with an AI player Java

- Gomoku is a traditional Chinese strategic board game.
- There is an AI player that plays against the player.

⚙️ PROGRAMMING SKILLS

- Programming languages: (Compiled) Java, C++; (Interpreted) Python, JS, R
- Markup languages: HTML5, Latex, Markdown; Style sheet: CSS

✓ TECHNICAL COURSES TAKEN

- Math 415 Applied Linear Algebra
- Math 241 Calculus III
- CS 125 Introduction to Computer Science
- CS 126 Software Design Studio
- CS 225 Data Structures
- CS 173 Discrete Structures

♥️ AWARDS

AP Scholar with distinction, College Board®

July, 2017