

# RUIQI PENG

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## 🎓 EDUCATION

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**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

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**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 section EMP (Even more practice) of the course.
- Holding office hours weekly for students to ask questions.

## 📁 PROJECT HIGHLIGHTS

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**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

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- Programming languages: Java, C++, Python, JS
- Markup languages: HTML5 / CSS, Latex, Markdown

## ✓ TECHNICAL COURSES TAKEN

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- 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

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AP Scholar with distinction, College Board®

July, 2017