

# Joseph Chou Ma

Software Engineer

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## EXPERIENCE

### KING'S COLLEGE LONDON | TEACHING ASSISTANT/ELECTED EDI STUDENT OFFICER

September 2021 – Current | London, United Kingdom

- As a Teaching Assistant (TA) for the Informatics Department of King's College London, I was responsible for leading small group tutorials, grading/checking students' work, and answering questions related to Computer Science.
- As the elected Equality, Diversity, and Inclusion (EDI) Officer for the Informatics Department of King's College London, I was responsible for helping students dealing with personal issues regarding their identities, disabilities, and other potential feelings of alterity.

### BRUNSWICK GROUP | CONSULTING INTERN

June 2021 – July 2021 | London, United Kingdom

- Brunswick is a global consulting firm where I worked for the London Office. During my internship, I presented research findings on the impacts of AI on the Education sector to executives, directors, and partners.

### CAMELOT | SOFTWARE ENGINEER

May 2019 – June 2021 | London, United Kingdom

- Worked on cloud computing projects for the company's clients (including Deloitte, Alibaba, PricewaterhouseCoopers)

## PROJECTS AND INTERESTS

### COMPETITIVE PROGRAMMING (ALGORITHMS AND DATA STRUCTURES) | C++,

JAVA

2019 - Current

- **Top 30 in the US** – TopCoder (1600+ rating)
- **Candidate Master** – CodeForces (1800+ rating, Top 10 in the UK)
- **First Place** – KCL PPA Algorithms Contest in Java (2019)

### ACCESSIBLE WEB-BROWSER | C#, .NET

December 2021 - January 2022

- A browser extension aimed towards improving web accessibility by making text larger, changing text to dyslexic-friendly fonts, and changing certain color schemes. Also, as a volunteer for disabled people and an elected Inclusion officer at my university, developing accessible technologies is something I am personally passionate about.

### WEBSITE AND STORAGE FOR THE KING'S YOUNG ADULT LIVER CENTRE (PART OF THE NATIONAL HEALTH SERVICE) | RUBY ON RAILS, JAVASCRIPT, POSTGRES, HTML, CSS

December 2021 - January 2022

- A website that supports the King's Young Adult Liver Centre that can make appointments, display events, show medical information, have different types of accounts (eg. patient, admin, doctor), and more!

## SKILLS

### PROGRAMMING

C++ • C • C# • Java • Python  
• SQL • JavaScript • Type-Script • Swift • Happy To Learn More!

### LIBRARIES/Frameworks

jQuery • Node.js • Jekyll • React • Angular • .NET

### TOOLS/PLATFORMS

Git • Webpack • Heroku • Wordpress • Docker

### LANGUAGES

English • ASL • Chinese • Spanish • Russian • Arabic

## EDUCATION

### KING'S COLLEGE LONDON

HONOURS BACHELOR'S OF SCIENCE  
IN COMPUTER SCIENCE WITH  
MANAGEMENT

July 2022 | London, England

### First Class Honours

Top 1%

## AWARDS

### King's Outstanding TA Award

December 2021

### King's Enterprise Leadership Award

December 2021

### King's Undergraduate



Research Award September 2021

### Winner - KCL Business School

Hackathon November 2020

## REFERENCE

David Pownall, Software Engineer, Google

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