Joseph Chou Ma

Software Engineer
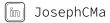
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EXPERIENCE

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 Intern and Full-Time
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
X **2019 - Current**

→ **Top 0.3% Harbour.Space University** - Global Competition (66th out of 25000+ official competitors)

→ **Top 18% Google Hash Code** – 65th in the US (2022)

→ **Top 30 in the US** – TopCoder (1600+ rating)

→ **Top 10 in the UK** – CodeForces (2100+ rating, International Master)

→ **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 • TypeScript • 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

RESEARCH

Geographical Influences on Human-Computer Interaction, Research Paper February 2022