

KELVIN ZHANG

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EDUCATION

Imperial College London

MEng Computing, 1:1

London, UK

2017 - 2021

- Distinguished project (90% in MEng thesis) and ARM Project Prize for best computer systems project
- Outstanding Service Award & Full Colours from Imperial College Union for contributions to student life

Whitgift School

Secondary School

London, UK

2009 - 2017

- 4 A*s at A Level (Computer Science, Maths, Further Maths and Physics); 10 A*s and 1A at GCSE

WORK EXPERIENCE

Google

Software Engineer, Google Health

London, UK

Oct 2021 - Current

Google

Software Engineering Intern, Google Go

London, UK

May 2020 - Sep 2020

- Designed and implemented novel, interactive search experiences for the Google Go app (Java/Android SDK) with a focus on overcoming human-centred challenges for new internet users in the India market

Google DeepMind

Software Engineering Intern, Google Health

London, UK

Jun 2019 - Sep 2019

- Designed and implemented a feature for the Streams app using Go and gRPC to improve contextual information given to clinicians when viewing patients' health records, improving quality of care

Bloomberg

Software Engineering Intern, Data Technologies

London, UK

Jul 2018 - Sep 2018

- Worked on PowerfulSeal, an open source chaos engineering tool (1,000+ stars on GitHub) used to test the resilience of Kubernetes clusters behind an internal microservices platform

Artificial Labs

Software Development Intern

London, UK

Jul 2017 - Sep 2017

- Implemented a microservice to ingest live professional sports injury data from a legacy feed into a PostgreSQL database, enabling insurers to make fast, informed decisions from a unified source of truth

VOLUNTEERING AND LEADERSHIP

Trustee, Spark! (Hounslow Education Business Partnership)

August 2021 - Present

- Scrutinising strategy for a medium-sized charity supporting young people's employment outcomes

Student Trustee, Imperial College Union

Jul 2020 - August 2021

- Appointed student trustee on Board of Trustees of a £10mm revenue charity with 17,000 members

President, Imperial College Department of Computing Society

Aug 2018 - Jul 2020

- Led a committee of sixteen and liaised with stakeholders across the university and student union to enable the society's volunteers to make a lasting impact on its 1,400 members
- Led fundraising and oversaw subsequent spending of £150k in sponsorship funds from 25 sponsors
- Organised IC Hack, the UK's largest student-run hackathon, with a £60k budget and 450 attendees
- Implemented new knowledge transfer processes to support long-term growth of the society and drove long-term strategy in areas including diversity and postgraduate engagement

PUBLICATIONS

Zhang, K.*, Cross, T.*, Navarange, R.*, Son, J.*, Burr, W.*, Singh, A.*, Rusu, M., Gkoutzis, K., Osborne A. and Nieuwenhuis, B., **2020**. *Simple RGC: ImageJ plugins for counting retinal ganglion cells and determining the transduction efficiency of viral vectors in retinal wholemounts*. [arXiv:2008.06276](https://arxiv.org/abs/2008.06276).

SKILLS & INTERESTS

Languages – English (native speaker), Mandarin Chinese (elementary)

Extracurricular – Taekwondo student; amateur pianist (ABRSM Grade 7); fives (ball game) player

ACHIEVEMENTS

Imperial College Union Outstanding Service Award – Awarded for significant and repeated contributions to student life at Imperial, one of two recipients from the Department of Computing Jul 2020

Cambridge Bio-Hackathon (1st Place) – Won first place prize for building a synthetic biology web application providing an intuitive interface to interact with cloud laboratories Jun 2016