Zitong Li +44 7529140685 zitong.li.18@ucl.ac.uk Rm.210, 200 Euston Rd., London, UK. NW1 2FA

Experiences

UCL LAIDLAW SCHOLAR – INCOMING RESEARCH ASSISTANT— 06.2020

- **Quantitative analysis:** analyze cortical electrical activity of brain injured infants using MATLAB. Research at UCL Neuroscience Dept. under the supervision of Dr. Kimberley Whitehead.

MORGAN STANLEY - TECH SPRING INTERN — 04.2020

- Learn about software development at Morgan Stanley.

UCL ENGINEERS WITHOUT BORDERS SOCIETY - EXECUTIVE — 10.2019 - PRESENT

- **Management skills:** Plan, prepare, advertise and teaching microcontroller workshops (Arduino and Raspberry pi) for UCL students. Also run workshops in London high schools, aimed at encouraging STEM among young students.

UCL UNDERGRADUATE FOUNDATION - TRANSITION MENTOR — 09.2019 - 01.2020

- Meet 6 mentees weekly, ask about their concerns, encourage and guide them through study and life.

EF EDUCATION FIRST - TEACHER ASSISTANT — 07.2019 - 09.2019

- **Communication skills:** Assisted teacher in classes of 10 and gave constructive feedback to parents.
- **Organizational:** Hold end-of-term show event with over 200 attendances. Prepared costumes and stage property. Arranged the order of the show. Received positive responses from the parents.

CHINA COMMUNICATIONS CONSTRUCTION COMPANY - INTERN — 06.2019 - 07.2019

- **Technical skills**: Shadowed fire system engineers, operated fire control software and performed statistical analysis on the distribution of fire sensor and control facilities.
- **Accounting:** Assisted accountant in recording expense and income through accounting software, and learned economic law.
- Attended and summarize business cooperation meetings, which gave me insight on how companies could gain benefit through cooperation.

NATIONAL TEAM MEMBER OF INTERNATIONAL YOUNG PHYSICIST'S TOURNAMENT (IYPT) — 03.2018 - 06.2018

- **Technical Skills:** Three physics project on Building Seismograph, Investigating Acoustic Levitation, and Designing a Tesla valve. Simulation was done by using software: SolidWorks, MATLAB and Mathematica. Utilising 3D printing to build the experiment subject.
- **Work under pressure/time management:** Travel to different cities for training and competitions while maintain excellent academic performance by scheduling revision timetable and working weekends.

ENGINEERING SOCIETY FOUNDER — 06.2017 - 06.2018

- **Presentation and influencing:** Delivered presentations and teaching workshops to 30 members every week on physics and engineering. Led the school team in multiple competitions.

Education

University College London (London) - 2019 - 2022 BEng Electronics and Electrical Engineering

- First-year modules include: Mathematical Modelling (MATLAB), Analogue and Digital Electronics, Nanotechnology, Signals and Systems, C Programming
- Awarded Laidlaw Scholar.

University College London (London) - 2018 - 2019 Undergraduate Preparatory Certificates for Science and Engineering - Maths and Physics Pathways **Distinction (86% A*A*A*A*)**

- **Analytical skills:** Incorporate supporting results from over 20 Journal Articles into a 10-page essay on Optimising Power System Using Artificial Intelligence.

No.2 High School of East China Normal University (Shanghai) - Senior High School - GPA 3.88

- Silver Medal in British Physics Olympia 2018.
- Selected into the ten-member Chinese national team for IYPT (International Young Physicists' Tournament). The team won the global champion in IYPT 2018.

Addition skills: Language: English (advanced, IELTS7.5/9), Chinese (native speaker)