

# AASHVIN CHANDRU RELWANI

16 Leinster Gardens, Flat 1, W2 6DR, London, United Kingdom

aashvincr@gmail.com · <https://www.linkedin.com/in/aashvin-relwani-144ab2163> · +44 07907512392

## EXPERIENCE

OCTOBER 2017 – AUGUST 2019

### TRANSPORT SPECIALIST (3SG), SINGAPORE ARMED FORCES

- Platoon Sergeant in Transport Hub West: Jurong (ITI) Node.
- Led a platoon of transport operators to assist in island-wide training.
- Worked on and taught vehicle maintenance skills.
- Used and made improvements to the transport and maintenance Electronic System.
- Liaised with reservist battalions to ensure all requirements were met for their training.

NOVEMBER 2020 – DECEMBER 2020

### ROBOTIC SOFTWARE ENGINEER, UVROBOTS

- Worked on the development of a wheeled autonomous robot with the purpose of room disinfection from COVID-19.
- Worked on the upgrade of framework, implementation of localization and navigation, and transition from LiDAR to stereo camera.
- Collaborated with various teams internationally and locally to negotiate standards and integration.
- Performed testing through simulation as well as extensive live testing.

## EDUCATION

AUGUST 2015 – JULY 2017

### A LEVEL,

TANGLIN TRUST SCHOOL

- Mathematics grade A\*. Further Mathematics grade A\*. Computer Science grade A. Physics grade A. Extended Project Qualification grade A.
- Prefect for the Computer Science department.
- Hosted tutoring sessions and competitions for GCSE students.

SEPTEMBER 2019 - PRESENT

### MENG COMPUTER SCIENCE,

UNIVERSITY COLLEGE LONDON

#### Completed Modules Include

- Compilers
- Discrete Mathematics for Computer Scientists
- Object Oriented Programming
- Software Engineering
- Integrated Engineering Programme – Engineering Challenges

## SKILLS

### TECHNICAL

- Python (ROS, Scikit-Learn, Django)
- C / C++
- Java
- VB.NET
- HTML / PHP / CSS
- SQL

### CERTIFICATIONS

- CSMM.101x Artificial Intelligence (AI) from ColumbiaX
- CSMM.103x Robotics from ColumbiaX

## EVENTS AND PROJECTS

- Currently working on a voice call analysis system for GP clinics in collaboration with the NHS and RCGP.
- Assisted in the internal organization and worked on the website development for the first annual TEDx Tanglin Trust School in 2016.
- Designed, built and programmed an autonomous room mapping car using a Raspberry Pi and ultrasound sensors.
- Developed a website for the film department of Tanglin Trust school, with booking functions of facilities and equipment.