Ross Hunter
Curriculum Vitae

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EDUCATION

- **Imperial College London**
  M.Eng in Computing; 2:1   *Oct 2016 - Jul 2020*

- **Peter Symonds College**
  A*s in Maths and Extended Project, As in Further Maths, Physics and Computing   *Sep 2014 - Jul 2016*

EMPLOYMENT EXPERIENCE

- **ActiveViam**   London, UK
  Software Engineering Placment   *Apr-Sep 2019*
  Worked with the Java backend of their main product (data analytics platform), migrating to Google App Engine. Developed prototypes for a Python implementation of their analytical database.

- **Shazam**   London, UK
  Software Engineering Intern   *Summer 2018*
  Rotated around the various teams (iOS, Android, Data, Microservices), designing and implementing new features. Lead the development of the microservices for the video tab in the app, working with the Apple Music API.

- **Ross Hunter Development**   London, UK
  Website Developer, self-employed   *Oct 2020 - Mar 2021*
  Started my own web devlopment company, crafting websites for SMBs. This gave me experience making business decisions, dealing with clients and having direct control of all aspects of the software development lifecycle.

- **Personal Tutor**   London, UK
  Maths & Computing Tutor, self-employed   *Jul 2020 - Oct 2020*

- **Imperial College Union**   London, UK
  Swimming Head Coach, part-time   *Oct 2020 - Present*

PROJECTS (SEE WEBSITE)

- **Blimp**: A mobile travel application, written in Flutter and Python/Flask
- **Noodle Create**: A new programming language aimed at beginner programmers. Static, C-like language, compiled using Javascript.
- **Taggy**: iOS app for finding lost items. Uses image recognition algorithms and messaging features.
- **iProve**: Web App which allows you to check logical proofs, in a natural deduction style. Written in React/Redux/Node.js
- **CODE (Class Oriented Development Environment)**: Online platform for learning programming, aimed at teachers and classrooms. Written in Ruby on Rails.

PROGRAMMING SKILLS

- **Languages**: Python, Javascript, C, Haskell, Java, SQL, Swift, Prolog, PHP, Ruby
- **Technologies**: Git, AWS, Docker, Firebase, React, Redux, Jenkins, Travis, GCP

RELEVANT COURSES

- **Theory**: Software Engineering Design, Computer Vision, Robotics, Databases, Discrete Maths, Logic, Statistics, Artificial Intelligence, Computational Techniques, Natural Language Processing, Deep Learning

AWARDS, HONOURS AND POSITIONS

- **Vice President of CGCU**: Engineering Union of Imperial College. Responsible for 8 departments and over 30 departmental representatives.
- **Imperial College Swimming Captain**: 2018-20, responsible for organising competitions and managing the club and its members.
- **Mercers Merrett Bequest**: Winner. In recognition of academic excellence.