

Chris Perceval-Maxwell (he/him)

COMPUTER SCIENCE • ARTIFICIAL INTELLIGENCE • FULL-STACK

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Skills

Programming	Java, Python, Haskell, MATLAB, Bash
Web Development	HTML / CSS, SCSS, JavaScript, Node.js (with Express and Handlebars), Bootstrap, Foundation
Other Languages	MySQL / PostgreSQL, Isabelle Proof Assistant, PDDL
Frameworks	Anaconda, NumPy, Pandas, Matplotlib / Seaborn, Scikit-Learn
Tooling	Git, Heroku, Docker
Software	Figma, Photoshop CS6

Education

The University of Edinburgh

Edinburgh, SCOTLAND

BSC (HONS) ARTIFICIAL INTELLIGENCE AND COMPUTER SCIENCE

Sept. 2018 - May 2022

- Predicted First Class
- Programming: OOP, Functional, Procedural Machine Learning and Neural Networks
- Mathematics: Linear Algebra, Calculus, Probability and Discrete Mathematics
- Logic, Automated Reasoning and Proof Assistants / Theorem Provers
- Multiple projects working in both small and large teams
- Currently working on my Honours Project: Nicer Proofs by Induction in the Holbert Proof Assistant, with my supervisor Liam O'Connor ([GitHub](#)).

Experience

DogDigital

Glasgow, SCOTLAND

WEB DEVELOPER (INTERN)

Jun. 2015

Projects

Nicer Proofs By Induction in the Holbert Proof Assistant (Honours Project)

Edinburgh, SCOTLAND

THE UNIVERSITY OF EDINBURGH

Sept. 2021 - Present

[HASKELL](#) [HTML](#)

- ...

Text Technologies for Data Science

Edinburgh, SCOTLAND

THE UNIVERSITY OF EDINBURGH

Sept. 2021 - Present

[PYTHON](#) [HTML](#) [CSS](#)

- ...
- Grade: 95.67% (A1)

Human Computer Interaction

Edinburgh, SCOTLAND

THE UNIVERSITY OF EDINBURGH

Sept. 2021 - Dec. 2021

[FIGMA](#)

- ...
- Grade: 68% (B)

System Design Project

THE UNIVERSITY OF EDINBURGH

HTML CSS JAVASCRIPT FIGMA PHOTOSHOP CS6

- ...
- Grade: 68% (B)

Edinburgh, SCOTLAND

Jan. 2021 - April 2021

Informatics Large Practical

THE UNIVERSITY OF EDINBURGH

JAVA GEOJSON

- ...
- Grade 95% (A1)

Edinburgh, SCOTLAND

Sept. 2020 - Dec. 2020

Extracurricular Activity

Edinburgh University Swimming and Water Polo Club

SPONSORSHIP & FUNDRAISING OFFICER

Edinburgh, SCOTLAND

Sept. 2021 - Present

- I negotiated with two local bars to sponsor EUSWPC for the academic year. This will be an immense help in paying for pool time, coaches, travel to competitions and much more.
- I led the club's Movember campaign, raising over £300 for 'Health in Mind' - a locally based mental health charity in Edinburgh.
- I organised and created a 2022 calendar with photographs of some of our club members, with all proceeds also going to Health in Mind. In total I sold over 45 copies, which raised £315.
- Currently leading a week-long blood drive in association with GiveBlood4Good.

Edinburgh University Swimming and Water Polo Club

SOCIAL SECRETARY

Edinburgh, SCOTLAND

Sept. 2020 - May 2021

- I organised social events for our club, of over 150 members, during the height of the Covid pandemic.
- I led the club's Movember campaign and managed all social media posts. In total, we raised over £1000 for Health in Mind.

Edinburgh University Swimming and Water Polo Club

MEN'S CAPTAIN - CLUB SQUAD

Edinburgh, SCOTLAND

Sept. 2019 - May 2020

- I captained a squad of more than 20 swimmers for university swimming matches.

Licenses & Certifications

Royal Life Saving Society UK - RLSS UK

IQL LEVEL 2 AWARD IN POOL LIFEGUARDING, INTERVENTION, SUPERVISION AND RESCUE

Larkhall, SCOTLAND

Jul. 2019 - Jul. 2021

- app.credcert.co.uk | ID: 1488662

Royal Life Saving Society UK - RLSS UK

IQL LEVEL 2 AWARD IN AUTOMATED EXTERNAL DEFIBRILLATOR - AED

Larkhall, SCOTLAND

Jul. 2019 - Jul. 2021

- app.credcert.co.uk | ID: 1488663

The Duke of Edinburgh's Award

DUKE OF EDINBURGH BRONZE AWARD

Glasgow, SCOTLAND

Aug. 2016 - Never

Awards

- | | | |
|------|---|-------------------------|
| 2019 | 2 x Silver , 50m Breaststroke and 4x50m Medley Relay at Celtics Tournament | Cardiff, WALES |
| 2018 | Bronze , 50m Breaststroke at Scottish Student Sport Swimming Championships | Glasgow, SCOTLAND |
| 2014 | Bronze , 2KM Scottish Gas Scottish Open Water Swimming Championships | Loch Venachar, SCOTLAND |