Thomas Wyllie

✉ tom@wyllie.dev | ⌂ wyllie.dev | ⌂ TomWyllie | in TomWyllie

Summary

Recent information engineering graduate and enthusiastic problem solver looking to start an impactful career in business, with a focus on technology and disruptive innovation.

Education

University of Cambridge (St Catharine's College)   *Cambridge, UK*

MASTER OF ENGINEERING   *Oct 2020 - Jun 2021*

- **MEng year** specialised into computational neuroscience, machine learning, signal processing, biomimetics, bioelectronics, and mathematics.
- **First-class thesis** on neural network models of working memory in cortical circuits, obtaining overall Honours with Merit.

University of Cambridge (St Catharine's College)   *Cambridge, UK*

BACHELOR OF ARTS, FIRST CLASS   *Oct 2017 - Jun 2020*

- **BA year** specialised into bioengineering, information engineering, mathematics, business economics, and modelling risk.
- **Full Marks** in the exam for the BA paper *Computational Neuroscience*.
- **2018 Airbus Prize** for cohort-wide software coursework described by the judging professor as *"the best in the 10 year history of the competition"*.
- **Integrated Design Project**; leader of the winning team of the competitive 2nd year CUED four-week robotics project, also creating from scratch the vision and navigation system for the robot, which championed the tournament with double the mean score.

George Watson's College   *Edinburgh, UK*

GRADUATED AS A DUX OF THE SCHOOL   *Sep 2010 - Jun 2016*

- **Higher AAAAAA** in Maths, English, Technology, Physics, Chemistry, Biology; all six as A band 1s, 99.9th percentile nationally.
- **Advanced Higher AAAA** in Pure Mathematics, Mathematics of Mechanics, Physics, and crash self-taught Computing Science.

Employment

MarkToMarket Valuations Ltd.   *Edinburgh, UK*

INTERN SOFTWARE DEVELOPER   *Jul 2019 - Sep 2019*

- MarkToMarket gathers and analyses data on M&A trends to provide a data-driven service to clients. Partnered with a senior developer to design and implement a system extracting information from hundreds of online articles each day; built an internal service to compile millions of corporate records for advanced lookup; and provided guidance to junior developers working on front-end design.

Quorate Technology Ltd.   *Edinburgh, UK*

INTERN SOFTWARE DEVELOPER   *Nov 2016 - Aug 2017*

- Quorate Technology is a speech recognition technology spin-out from the University of Edinburgh. Internship consisted of several software projects involving machine learning and natural language processing. Also worked closely with the CEO to design and implement demos of company technology, which were used in pitches to many clients.

Skills

Organisation and Teamwork	Cambridge Univ. Ceilidh Band: secretary - responsibility for 70-80 bookings, £25k+ revenue per year; president - overall management of 30+ band members. Previously a Scout and Scout young leader.
Motivation and Persistence	Keen long-distance runner (CU Hares & Hounds) and hillwalker, self-taught programming and violin.
Confidence and Public Speaking	Performed with CUCB (accordion) at 40+ paid events (birthdays, May balls, etc), 15+ as band leader. At school, debated competitively across the British Isles, winning several competitions.
Technical Proficiency	Extensive experience including Python (NumPy/SciPy), Excel, JavaScript, Web Design, Rust, LaTeX.

Awards

The Institution of Engineering and Technology Diamond Jubilee Scholarship	≥ £10,000	*Jan 2018*
The Reece Foundation Arkwright Undergraduate Engineering Scholarship	≥ £10,000	*Oct 2017*
The George Watson's Prize and University Scholarship	≥ £1,000	*Jun 2016*
The Arkwright Scholarship	≥ £1,000	*Oct 2014*
The Merchant Company Scholarship	≥ £1,000	*Sep 2010*
Gold Duke of Edinburgh's Award		*Jun 2016*