Cameron MacLeod

Computer Science Student

For contact details, please email
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Skills

Technologies: Python, Android, .NET, LoRa, embedded C, Rust, Elixir

A technically strong developer with soft skills in areas such as sales and leadership. Experience ranging from embedded development to .NET apps to teaching and account management.

Experience

Bloomberg LP / Software Engineering Intern

July 2018 - September 2018, London

Worked on improving the reporting system for the Custom Indices team. Part of a team that embraced agile and focussed on delivering small, high value increments in a rapid cycle.

C#, SQL Server, Agile

Cambridge Consultants / Tech Scholar

September 2015 - August 2017, Cambridge

Took part in the placement year programme. Worked on projects across areas such as embedded devices, blockchain and computer vision. Returned following summer for two month internship.

Embedded development, Python, Consulting R&D

University of Edinburgh / Internet of Things Engineer

May 2017, Edinburgh

Implemented a device that mapped the LoRa network using a Pycom LoPy and a GPS module.

Python, LoRa, Electronics

Projects

CreatED 2018

CreatED was the UK's first student hackathon focussed on hardware projects and hosted 100 people. I was responsible for sponsorship, workshops and event software. Raised over £7000 and delivered a well received event (95% 8/10 or higher overall participant satisfaction).

Account management, Leadership, Events

Embedded and Robotics Society

Co-founded a university society in second year. The role involves a wide variety of work including planning and delivering events, obtaining sponsorship and writing educational materials.

Leadership, Education, Embedded

abracadabra

Python implementation of the paper "An Industrial Strength Audio Search Algorithm" by the creators of Shazam. Gave a talk on the project at EuroPython 2016 in both English and Spanish, links are available.

Python, DSP, Public Speaking

Education

University of Edinburgh / Computer Science BSc (Hons.)

2016 - 2020

Modules on programming, maths, data science and Russian (outside course).

Shrewsbury Sixth Form College / A Levels

2013 - 2015

Electronics, Maths, Spanish, Physics, Computing (AS), Further Maths (AS)

Awards

GreatUniHack 2016

First place overall

Won first prize with a hack called Wimphony. The project was an Android app that mapped wi-fi networks musically in VR.

Android, Unity

Young Rewired State Festival of Code 2014

Best in show (public vote)

Won Best in Show (public vote) with a smart coat hanger called Hook. Hook would tell you what to wear based on the weather for that day.

Python, APIs, Public Speaking

Volunteering

St John Ambulance / First Aider

June 2016 - September 2016, Cambridge

STEMNET / STEM Ambassador

January 2016 - September 2016, UK

Shrewsbury Museum and Art Gallery / Gallery Guide

September 2014 - July 2015, Shrewsbury