

JAMES WARD

📍 Edinburgh, UK

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EXPERIENCE

Summer 2019

1 week

Blueberry Consultants • Work Experience • Birmingham, UK

- Developed software to synchronise contacts from multiple email accounts using Gmail and Outlook APIs.
- Improved the efficiency of and added comments to a legacy program for use by future developers

Summer 2017

1 week

Daden • Work Experience • Birmingham, UK

- Built a UI for a virtual assistant using JavaScript
- Created 3D models and transferred them into Unity for use in a VR application
- Tested VR software finding major and minor bugs and writing up corresponding documentation

Summer 2017

1 week

Vanti • Work Experience • Birmingham, UK

- Assembled AV equipment for use at the Royal Birmingham Conservatoire
- Aided development of a company Slackbot for admin purposes
- Assisted development of batch files to automate set-up of new devices

PROJECTS

Hack the Midlands

- Created a version of the game Pong played using only face detection and presented in front of an auditorium of 300+
- Helped the development of a 3D game in Unity
- Won a prize awarded by Majestic

Twitter sentiment analysis

- Developed a program to monitor the perception of a topic on Twitter, using tweepy API for Python and nltk library
- Graphically displays the average recent perception to show how perception changes over time

Google Maps running route maker

- Wrote a program to generate a specified length running route using Google Maps distance API

EDUCATION

BSc Computer Science & Mathematics

University of Edinburgh

1st year – 90%

2nd year – 83%

2020-2024

A-Levels – A*A*A*A*

GCSEs – 9 9s, 1 8 (including Mathematics & English)

Bishop Vesey's Grammar School

2013-2020

SKILLS

- **PYTHON**
- **JAVA**
- **C**
- **R**
- **HTML/CSS/BOOTSTRAP**
- **JAVASCRIPT**
- **GIT**
- **LATEX**
- **GERMAN**
(CONVERSATIONAL)