JAMES WARD

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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
2020-2024

A-Levels – A*A*A*A*
(Mathematics, Further Mathematics, Physics, German)
GCSEs – 9 9s, 1 8 (including Mathematics & English)
Bishop Vesey's Grammar School
2013-2020

SKILLS

- **PYTHON**
- **HTML/CSS**
- **JAVASCRIPT**
- GIT
- FLASK
- BOOTSTRAP
- GERMAN (CONVERSATIONAL)