

Joachim Scott **Vanneste**

5TH YEAR COMPUTING SCIENCE · UNIVERSITY OF GLASGOW

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Education

University of Glasgow

Glasgow, UK

MSCI IN COMPUTING SCIENCE

Sep. 2019 - present

- Currently in fifth year, with a GPA of 18/22
- I took all the Mathematics BSc courses in first and second year
- Projects completed: natural language decryption using MCMC sampler; MyCampusGuide, web app for gathering student feedback on courses; TCP network connection using Python Sockets; Visitor Design Pattern with JavaParser to find useless code; C++ multi-threaded crawler to search files for dependencies; genetic algorithm password guesser; several NLP classifiers; neural networks classifiers

Portobello High School

Edinburgh, UK

HIGHERS & ADVANCED HIGHERS

Aug. 2013 - Jun 2019

- Highers: Mathematics, Computing Science, Physics, Chemistry, Biology, English, French
- Advanced Highers: Mathematics, Chemistry

Skills

Programming Java, Python, C, C++, C#, Prolog, IO, Ruby, Linux, xCode, Assembly, Skill

Web Django, .NET, HTML, CSS, XML, JSON, jQuery, SQL

Languages Fluent in English and French

Experience

Cadence Design Systems

Edinburgh, UK

INTERN SOFTWARE ENGINEER

May 2023 - Sep. 2023

- Implemented several new features inside the Virtuoso Schematic Editor
- Worked in a small sub-team to fix customer bugs, crashes and change requests
- Presented my work at the 2023 intern showcase

Hackathons

Glasgow, UK

PARTICIPATED IN THE FOLLOWING

2021 -

- Code Olympics 2021, 2022 (overall winners)
- UK Varsity Code 2021 & 2022
- Glasgow University DYHTG 2021 (second place) & 2022 (overall winners)

Kaggle Competitions

Glasgow, UK

ONLINE NLP & ML COMPETITIONS

2021 -

- Disaster tweet classifier
- Corn classification task
- Several reinforcement learning agents

Fourth year individual project

Glasgow, UK

DETECTING AND EXPLAINING EMOTIONS IN VIDEO ADVERTISEMENTS

Sep. 2022 - May 2023

- Created video classification deep learning models to identify emotions in video adverts
- Expanded LIME and SHAP explainability frameworks to increase trust in my models

Avaloq

Glasgow, UK

THIRD YEAR TEAM PROJECT

Sep. 2021 - Mar. 2022

- Created and maintained a .NET onboarding tool to calculate capital gain tax implications to be used in Avaloq's banking suite
- Invited to Avaloq's Edinburgh office to present the tool at the project finish

Breadshare & Le Petit Francais

Edinburgh, UK

ASSISTANT BAKER/BAKER

Jan. 2016 - Jan. 2022

- Part-time job and full time over the summers
- Baking and packing bread, serving customers in the café and responsible for opening/closing the shop
- Full time night shifts at Le Petit Francais over summer and Christmas breaks

The Union

ADVERTISING AGENCY INTERN

- I helped create tailored marketing campaigns for several businesses
- Involved in the filming of an advert

Edinburgh, UK

Nov. 2016 - Nov. 2016

Extracurricular Activity

School Newsletter

HEAD OF EDITING

- I combined and edited articles written by other students, then published and released paper copies of the newsletter
- I drove the online implementation of the newsletter, using WordPress, in order to increase its reach

Edinburgh, UK

Aug. 2018 - Mar. 2019

Music

CLASSICAL & ELECTRIC GUITAR, TRUMPET

- Classical and electric guitar at Portobello Music School (2007–16), then at Napier Junior Music School (2016–19)
- Trumpet at Portobello High School
- Member of the Scottish Chamber Orchestra's Vibe group

Scotland

Jan. 2007 - present

Portobello High School STEM Group

TEAM LEADER

- Part of the winning team at the Ping-Pong STEM competition in 2015

Edinburgh, UK

Aug. 2014 - Jun. 2016