

PHILIP ZUBEL

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philipzubel.github.io/portfolio

EDUCATION

BSc (Hons) Computing Science

University of Glasgow

September 2019 - May 2023 Glasgow, UK

- On track for 1st Class Honours
- Dissertation: Analysis of taskgraph representations in query-based search

EXPERIENCE

Alexa Prize TaskBot Challenge 2

Amazon

September 2022 – September 2023 Glasgow, UK

- With a team of university researchers develop and deploy a multimodal conversational Alexa skill that assists users in completing recipes and DIY tasks. The conversational agent supports chit-chat functionality, question-answering, information retrieval, and more.
- Responsible for leading research on information retrieval and offline data preprocessing.

Developer Analyst Intern

Barclays

June 2022 – August 2022 Glasgow, UK

- Created and customized wealth tracking components using Angular
- Built automation acceptance tests using Serenity BDD and Screenplay Pattern for the Angular components. Used WireMock for generating a Mock API and Selenium for browser automation

Software Engineer

Glasgow University Software Services

September 2021 – August 2022 Glasgow, UK

- Developed a web application using Django and React which allows the university to track the mapping of grades earned by students abroad

PROJECTS

UK Capital Gains Tax Onboarding Tool

September 2021 – April 2022

- The application served as a proof of concept for the company Avaloq. The application allows wealth managers to take note of when the customer initialised their tax positions and any changes made to it. They can make a list of corporate actions made on the tax positions and export a summary of results.
- Techs: React.js, Django, Docker, Material UI

Algorithms Animator

August 2022

- Created an application that visualizes sorting algorithms (Merge Sort and Quick Sort, Bubble Sort, Selection Sort, Insertion Sort) and graphing algorithms (Breadth-first Search and Depth-first Search)
- Techs: React.js, TypeScript, Jest, Material UI

OBJECTIVES

Proactive Computing Science student looking to gain practical experience in programming and personally grow in a team with a diverse workforce

PROFESSIONAL SKILLS

PythonReactJSDjangoJava

LinuxDockerGCPAWS

CI/CD BashMySQLC Git

CERTIFICATES

Fintech Innovations Specialization

University of Michigan

February 2021

Gained understanding of financial concepts such as payment technologies, cryptocurrency and blockchain, credit scores etc.

AI Engineering Certification

IBM

January 2021

Gained practical understanding of Machine Learning and Deep Learning

AWARDS

Dougall Prize

University of Glasgow

August 2021

This prize is awarded annually to the most distinguished students in the Ordinary class of Mathematics

LANGUAGES

English

Polish

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