

ANGUEL HRISTOZOV

Software Engineer

@ me@anguelh.com

+447426315115

Glasgow, UK

anguelh.com

linkedin.com/in/ahristozov

github.com/modelorona

WORK EXPERIENCE

Software Engineer

JP Morgan & Chase

September 2021 – Current

Glasgow, UK

- Developed data processing pipelines spanning over 10+ internal data systems
- Collaborated with cross-functional teams across multiple continents to gather insight and ensure seamless integration with their respective systems
- Engaged with business stakeholders to understand data modification requirements to produce meaningful results
- Assisted 4 new team members with onboarding and support
- Delivered training sessions for a group of about 150 incoming graduate hires
- Tech stack: Python, Pandas, Visual Studio, internal key-value database, internal version control system, internal scheduled process manager

Software Engineer

Glasgow University Software Service

March 2020 – June 2020

Glasgow, UK

- Created a fully functional website from scratch to display data from a spreadsheet
- Developed authentication and admin functionality for registered users
- Implemented a backend database
- Enabled registered users to upload additional data
- Implemented pagination to optimise data loading from ~2 minutes to ~10 seconds
- Integrated an interactive map and table for filtering, sorting, and viewing data
- Tech stack: Vue.js, Bootstrap, Python, Django, Django Rest Framework, PostgreSQL, Ubuntu, Digital Ocean

Software Engineer Summer Intern

JP Morgan & Chase

June 2019 – August 2019

Glasgow, UK

- Developed a REST micro-service to collect metadata on app usage within a system
- Enhanced performance of data-heavy actions by using optimised SQL queries
- Created a user-friendly UI to display the metadata
- Collaborated closely with a teammate throughout the project
- Actively participated in training sessions as part of the internship
- Tech stack: Java, Spring Boot, MySQL, React

IT Intern

issuu Inc.

Aug 2015 – June 2016

Copenhagen, DK

- Developed an intranet site for employees that provides centralised information
- Automated internal data storage for meeting recordings
- Took responsibility for moderating large company-wide meetings
- Conducted hardware and software troubleshooting and diagnostics
- Tech stack: Python, AWS S3, Zoom API, ExpressJS

ACHIEVEMENTS / AWARDS

- 2023 AWS Certified Developer – Associate Certificate
- 2020 University of Edinburgh HackTheBurgh 1st Place
- 2020 Coursera AI For Everyone by deeplearning.ai Certificate
- 2019 J.P. Morgan Code for Good 1st Place
- 2019 University of Glasgow Hacker Olympics 1st Place
- 2018 University of Glasgow Hackathon 1st Place

EDUCATION

MSci in Software Engineering

University of Glasgow

2016 – 2021

Glasgow, UK

SKILLS

Programming Languages

Java, Python, JavaScript, HTML, SQL, Node.js

Frameworks and Platforms

Django, Android, React, Vue.js, NestJS, Bootstrap, scikit-learn, Firebase, Pandas

Tools

Git, IntelliJ IDEA, PyCharm, Ubuntu, Amazon Web Services, Visual Studio Code

PROJECTS

Scroll-It

- Vue.js website showcasing automated scrolling of Reddit image posts.

Applying epidemic algorithms and federated learning concepts to predict social anxiety

- Enhanced the project below by implementing peer-to-peer data sharing and federated learning.

Predicting Social Anxiety with Application Session Usage Data

- Created an Android app for collecting and analysing user data using decision tree models.

Learn X in Y Unofficial Android Application

- Developed an Android app displaying scraped content from 'Learn X in Y Minutes'.

University of Glasgow Chatbot

- Built a React chatbot for addressing common questions from incoming students.

2020 HackTheBurgh Hackathon Project

- Created a robotic assistant to facilitate litter disposal decision-making using computer vision.

2019 Code for Good Project

- Developed an Android app providing a virtual reality tour of the Glasgow Science Centre.

2018 University of Glasgow Hackathon Project

- Created a 3D visualization program in Unity for over 500GB of medical data.

VOLUNTEERING

Lab Demonstrator and Tutor

University of Glasgow

Sep 2019 – Dec 2020 Glasgow, UK

Co-Founder and Co-Organiser

GDG Glasgow

June 2017 – Oct 2020 Glasgow, UK