

Apurv Mishra

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EDUCATION

THE UNIVERSITY OF EDINBURGH

BACHELOR OF ENGINEERING (HONS.) COMPUTER SCIENCE

September 2018 - Present | Edinburgh, UK

Classification: First Class (Predicted)

EXPERIENCE

ZESTY LLC | CO-FOUNDER & SOFTWARE ENGINEER

Apr 2019 - Present | Riverside, CA

- As a co-founder of the company, worked on shaping the product idea, technologies used and business plans.
- Developed RESTful APIs in Falcon and Flask for the MVP and later lead the migration to FastAPI leading to 5-10x faster server response times.
- Lead development of the user facing website for the MVP in ReactJS.
- The website and the company has now been launched and funded, and the website been handling more than 1000 sessions/week without a problem.

UNIVERSITY OF EDINBURGH | TEACHING SUPPORT

Sep 2019 - Present | Edinburgh, UK

- Teach Introduction to Haskell, Intro to Linux, Cognitive Science, Computation and Logic and general programming concepts to a cohort of over 400 students.
- Marked and assisted in conduction of the exam.

WORLDQUANT LLC | RESEARCH CONSULTANT

Jun 2019 - Oct 2019 | Remote

- Selected to be a part of the research consultant programme after breaking into the top 1 percentile of participants of the WorldQuant challenge.
- Created algorithm-based models using Python and propriety libraries that seek to predict movements of global financial markets.

PROJECTS

EASYSHOP | NODEJS, PYTHON, APIS, AZURE CLOUD

Nov 2018

- EasyShop is a chabot to find products using pictures and get best possible deals.
- Researched and found multiple third party APIs to accomplish our objectives and integrated it into our application by building a pipeline to move information efficiently.
- The payment processing was done with the integration with Visa API.
- The whole end to end solution is deployed on the Azure cloud and can be accessed on any social messaging service.

LINGUASTREAM | PYTHON, TKINTER, APIS, GOOGLE CLOUD

Apr 2019

- LinguaStream is a real time translation and transcription service along with an analysis and reference platform.
- Speech to Text transcription and translation are done through Google Cloud APIs.
- Captioning service is written in Python using tkinter, APIs are made using the FastAPI library.

SKILLS

PROGRAMMING

Over 5000 lines:

Python • Java • C/C++ • \LaTeX

Over 1000 lines:

Ruby • Haskell • Javascript

PostgreSQL • Neo4J

Familiar:

Flutter • ReactJS • MySQL • Shell

VCS & BUILD TOOLS

Git • TravisCI • Jenkins • Github Actions

CLOUD SERVICES

Familiar:

AWS • GCP • Azure

AWARDS

2019 DigiEduHack

2019 HackKosice

2019 Cyber Defence Exercise

2018 Local Hack Day

2018 Oxford Hack

2018 Glasgow Hack

2017 DPS Noida

TRAVEL &

CONFERENCE GRANTS

\$250 ELC, Edinburgh

\$250 PenApps, Philadelphia

£150 Algothon, London

€150 CEE Hacks, Prague

€150 DENEFF EE Hack, Berlin

€120 HackUPC, Barcelona

£75 Hack Cambridge

€75 Junction, Helsinki

COURSEWORK

Algorithms and Data Structures

Computer Systems

Data Analysis

Machine Learning

Software Testing

Computer Simulation

Functional Programming

OOP Programming

Software Engineering

Numerical Computation

Linear Algebra

Discrete Mathematics

ACTIVITIES

EU Programming Society

EU Trading and Investment Club

CompSoc