

EDUCATION

MENG COMPUTING, IMPERIAL COLLEGE LONDON

Sep 2019 – Jun 2023

- 78% overall (First Class) in first and second years, including 85% in Algorithm Design and Analysis.

HIGH SCHOOL NO 3 IN GDYNIA

Sep 2017 – Apr 2019

- Advanced level Matura exam scores: Mathematics 98%, Physics 97%, English 100%.

EXPERIENCE

BLOOMBERG L.P.

Jun 2021 – Sep 2021

SOFTWARE ENGINEER INTERN

- Worked in Alerts Platform, a team responsible for delivering around 6.5 million alerts daily to users.
- Extended the time alerts system by adding support for programmatic management and consumption of alerts, providing internal stakeholders with a reusable solution. Used C++, Python and TypeScript.

GOLDMAN SACHS

Apr 2021

ENGINEERING DIVISION SPRING INTERN

- Collaborated on developing a hedging strategy for commodity futures, along with a Python implementation.

IMPERIAL COLLEGE LONDON

Nov 2020 – present

UNDERGRADUATE TEACHING ASSISTANT

- Guides first year students working on programming assignments (Haskell, Kotlin, Java, C).

VOLUNTEERING

DEPARTMENT OF COMPUTING SOCIETY

Aug 2020 – present

20/21 SECRETARY, 21/22 HACKATHONS COORDINATOR

- Chaired internal committee meetings with aim of improving over 1400 members' student experience.
- Organised IC Hack 20, UK's largest student-run hackathon hosting over 450 participants.
- Awarded City & Guilds College Union Half Colours for outstanding contributions to Imperial College Union.

PROJECTS

SIYABUDDY RECYCLING APP

Python, JavaScript

- Designed and implemented a web app for a South African recycling and waste management company to facilitate communication with independent waste collectors and optimise their pick-up routes.
- Awarded prize for 2nd best project out of 48 groups of students, graded at 91% overall.

WACC COMPILER

Scala

- Implemented a compiler for a simple imperative language targetting the ARM architecture.
- Extended the language with additional features: recursive data types, sum types, first class functions and lambda expressions.

SKILLS

- Programming languages:
 - preferred: Java, Scala, Python
 - familiar with: C, C++, Haskell, Kotlin, JavaScript/TypeScript
- Other tools: Linux (GNU coreutils, shell scripting), git, SQL, HTML/CSS