Software Developer

Karol Hetman

# Profile

Recent graduate with passion towards programming, looking to expand his skills and create code in friendly and professional environment.

# Experience

## Cyber Security Compliance intern, EY — 2021 June/ 2021 August

I reviewed customer’s security policies in compliance with GDPR and ISO27001, communicated with international clients, as well as translated internal company resources.

## IT administrator assistant, SID group — 2020 June/ 2020 August

I was responsible for maintaining employee equipment through software updates, exchanging computer parts, and more, basic Docker container maintenance and configuring data replication servers.

# Projects

## Physics simulation

I designed and implemented robust physics simulation software. The purpose of this was to provide high school students with a physics sandbox to teach through practice. **Technologies used :** C++, Dear ImGui, SDL Box2D, Google Test

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## Gene Evolution model

I and my colleagues developed a model written in python to predict the future spread of a gene mutation within the Icelandic population. The model expanded on existing graph theory. I was solely responsible for design and implementation of code.

# Education

University of Aberdeen, 2.1 Honours — Computing Science & Physics 2023

# Skills

* C ++
* Linux
* Python
* Java
* Docker
* Web App Security
* Networking
* AWS

# Awards

The Inform Prize (2022) - I and my team were awarded "The Inform Prize". We created a native Android app for recipe recommendation where I integrated a recommendation engine, and developed the recipe web scraping feature. **Technologies used:** Postman, Python, Agile/Scrum, WebScraping, Docker