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tompollak.me
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Languages

Python, Java, Haskell,
JavaScript, SQL, HTML, CSS

Technologies

Linux, Git, Vim, LaTeX,
Django, Numpy, Pandas,
LibGDX, Docker, Vue.js,
Selenium

Interests

Mountain biking, Climbing,
Poker, Chess, Running,
Hockey

Tom Pollak

CS Student @ University of York

About Me A second year Computer Science student studying at the University of York seeking a summer internship in software development or other related fields. I enjoy learning practically, and have developed a number of personal projects to further my knowledge in areas that interest me. I am most proficient with Python but also have experience in Java and Haskell, with a working knowledge of JavaScript. I have many years of experience working with Linux systems and Git version control.

Education

University of York

2020 - 2023

BEng Computer Science

Average 77%, Expected First

- | | | |
|--------------------------------------|--------------------------------------|-------------------------------|
| ○ Theory 1 (81%) | ○ Theory 2 (72%) | ○ Theory 3 (78%) |
| ○ Data 1 (72%) | ○ Data 2 (72.5%) | ○ Intelligent Systems 1 (73%) |
| ○ Software 1 (95%) | ○ Software 2 (94%) | ○ Systems & Devices 1 (78%) |
| ○ Human Computer Interaction 1 (66%) | ○ Human Computer Interaction 2 (70%) | ○ Systems & Devices 2 (71%) |

Lady Manners School

2020

A-level

- | | |
|------------------------|---------------|
| ○ Further Maths (A) | ○ Maths (A) |
| ○ Computer Science (A) | ○ Physics (A) |

GCSE

- 5 8s, 2 7s, 2 6s, 1 5.

Projects

Each Way Matcher

December 2020 - July 2021

Automated horse racing program that discovers undervalued horses by the bookmaker in each-way betting.

- Uses an adapted Kelly Criterion strategy to calculate the optimal stake to profit of these undervalued horses.
- Runs headless on a Raspberry Pi as a scheduled cron job every day.

Pirate Game

January - February 2022

Interactive pirate game using Java and LibGDX.

Poker Web Application

April 2019 - July 2020

Free live poker web app using Python and Django.

- Users can create accounts and tables, play poker, chat with other players.
- Uses Django Channels to allow for real-time communication between users.
- Deployed using Docker and Heroku.

SANS Institute, FOR500 Windows Forensic Analysis

August 2020

- Sponsored to take part through my success in the Cyber Discovery programme.

Cyber Discovery

September 2018 - July 2019

Independently completed the Cyber Discovery programme, run by HM government.

- I was selected as one of the top 500 (of 28,000) students to attend the Cyber Discovery Elite event in London.

Work

Glasshouse Bar, Bartender

September 2021 - Present

Working as a bartender at the York University Student Union.

Seafood Bar & Grill, Waiter

July - September 2021

Derbyshire Police, Mock Police Witness Interviewee

March 2021

Role acting as a witness for Derbyshire Police CID Interview Training.

- Involved being interviewed by police detectives in training, in order to help practice their interview technique on child witnesses.

Fishpond, Bartender

June - September 2020