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tompollak.me
github.com/tom-pollak

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 also have many years of experience with 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 & GCSE

- 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.

- Involves being interviewed by police detectives in training, in order to help improve their interview technique on children.
- Requires proficient communication skills, and being able to communicate effectively whilst improvising details from a fictional crime scene.

Fishpond, *Bartender*   June - September 2020