

Tom Pollak

York, UK
tompollak1000@gmail.com

github.com/tom-pollak
tompollak.me
(+44) 77400 054268

EDUCATION

University of York <i>BEng. Computer Science</i> <ul style="list-style-type: none">Weighted average: 77%, Expected First.	2023
Lady Manners School <i>A-Level</i> <ul style="list-style-type: none">Further Maths (A), Maths (A), Computer Science (A), Physics (A).	2020

EXPERIENCE

Cisco Meraki <i>Full Stack Engineer Intern</i> <ul style="list-style-type: none">	June - August 2022 London, UK
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PROJECTS

Automated Horse Betting Program https://github.com/tom-pollak/each-way-matcher <ul style="list-style-type: none">Discovers undervalued horses by the bookmaker in each-way betting.Uses an adapted Kelly Criterion strategy to calculate the optimal stake of these undervalued horses.Uses Python, Pandas and Selenium to scrape the horse races, interacts with Betfair API to place bets.Runs headless on a Raspberry Pi as a scheduled cron job every day.	December 2020 - July 2021
Pirate Game https://github.com/tom-pollak/pirates <ul style="list-style-type: none">Pirate themed video game using Java and LibGDX.	January - February 2022
Poker Web Application https://github.com/tom-pollak/web-poker <ul style="list-style-type: none">Free live poker web app using Python and Django.Users can create accounts and tables, play poker, and chat with other players.Uses Django Channels for real-time communication with the users.Deployed with Docker and Heroku.	April 2019 - July 2020
SANS Institute <i>FOR500 Windows Forensic Analysis</i> https://www.sans.org/cyber-security-courses/windows-forensic-analysis <ul style="list-style-type: none">Sponsored through my success in the Cyber Discovery programme.	August 2020
Cyber Discovery <ul style="list-style-type: none">Independently completed the Cyber Discovery programme, run by HM government.Selected as one of the top 500 (of 28,000) students to attend the Cyber Discovery Elite event in London.	September 2018 - July 2019

SKILLS

Languages	Python, Java, Haskell, SQL, HTML.
Tools	Linux, Vim, Git, VSCode, JetBrains Suite, RegEx, SQLite, \LaTeX .
Technologies	Django, Numpy, Pandas, Selenium, LibGDX, GitHub, Docker.