

Tom Pollak

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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 bettingUses an adapted Kelly Criterion strategy to calculate the optimal stake of these undervalued horsesUses Python, Pandas and Selenium to scrape the horse races, interacts with Betfair API to place betsRuns 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 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 DjangoUsers can create accounts and tables, play poker, and chat with other playersUses Django Channels for real-time communication with the usersDeployed 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 to take part 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 governmentSelected 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