Cougar Rufus Tasker

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Personal Profile

Hi, I am Cougar, a programmer interested in all things computer science, especially computer graphics and machine learning.

Skills

Programming Languages: Python, Java, C#, TypeScript (most familiar)

Tools and Technologies: Full stack development, GNU/Linux, Version Control Systems

Education

Royal Holloway, University of London   *Sept 2019 – July 2024*
MSci in Computer Science with Artificial Intelligence

- Final year average >90%, achieved First-Class Honours.
- Thesis on reinforcement learning: Effective Exploration in Markov Decision Processes
- Developed a robust Java calculator adhering to software engineering principles.
- Collaborated on a web-based restaurant management system (front-end, back-end, and SQL database).

Havant and South Downs College   *Sept 2017 – Aug 2019*
A-Levels in Computing, Physics, Maths, and Further Maths

- Achieved grades: AABB
- Designed a renewable energy-efficient city for the 2050 E4E Challenge, placing third.

Bourne Community College   *Sept 2013 – Aug 2017*
GCSEs

- Achieved a 9(A*) in Maths, 5(B) in English, four A's, and two B's.
- Completed the Bronze Duke of Edinburgh Award
- Helped organise ChiPride event during the National Citizen Service Program.

Experience

Software Developer   *Paddington, London*
Zing Dev Limited   *June 2024 – present*

- Returned as a graduate to continue developing twilio solutions and myself
- Assisted new placements through zing's mentoring programme

Junior Developer   *Paddington, London*
Zing Dev Limited   *July 2022 – Aug 2023*

- Year in Industry placement with diverse roles across the software lifecycle.
- Worked collaboratively with customers to implement Twilio solutions.
- Contributed to design, development, and support tasks.

Paid Internship   *Remote*
Royal Holloway   *Aug 2021*

- Built a data collection system for BBC iPlayer integration with visualization software.
- Automated site interaction using Selenium and developed a relational PostgreSQL database.

Team Member   *Chichester*
Boston Tea Party   *Aug 2019 – Oct 2019*

- Served tables, ensured customer satisfaction, and managed fast-paced operations.

Steward *Goodwood*
Goodwood Festival of Speed *July 2019*

- Directed and assisted event attendees with professionalism.

Waiter *Chichester*
Little London Café *Jan 2017 – June 2019*

- Progressed responsibilities from dishwashing to payment handling and customer service.

Work Experience *Southbourne*
Strawberry Soup *Nov 2015*

- Gained skills in Photoshop, usability testing, and data entry during a sort internship.