Oliver Young

Contacts
Phone: 07707 634912
Email: ocam12@btinternet.com
Portfolio: https://oliveryoung.netlify.app/
GitHub: https://github.com/ocam12
LinkedIn: www.linkedin.com/in/oliver-young-14757b294

Personal Statement

I am a final-year MEng Computer Science student studying at the University of Birmingham, with a predicted 1st degree. My main interests are in web/game development, providing experience programming in HTML/CSS, JavaScript and C#, as well as using tools like GitHub, Unity, and Blender to build and deploy my projects. I am eager to apply my technical skills to real-world projects. In addition to this, I have developed communication and leadership skills as a duty manager, supervising a team of up to eight lifeguards.

Education

09/2022 – Current: MEng, Computer Science with Software Engineering, University of Birmingham
- 1st class average over Years 1 to 3.
- Completed modules include Software Engineering, System Security, Full Stack Development and Algorithms and Complexity.

09/2020 – 06/2022: A levels, Cirencester College
- Computer Science: A*, Maths: A*, Physics: A*.

09/2015 – 06/2020: GCSEs, Cirencester Deer Park School
- 11 GCSEs, including Maths (9), Computer Science (8), Physics (9).

Work History

Duty Manager (Seasonal), Summers 2022 to Present
Cirencester Open Air Swimming Pool – Cirencester, Gloucestershire
- Supervise and coordinate a team of up to eight lifeguards, delegating tasks to ensure efficient operations.
- Provide leadership and support to staff, including training new team members.
- Monitor the safety of everyone on site, ensuring the capacity is in line with operating guidance.
- Engage in regular meetings with trustees and other managers to discuss improvements, drive revenue, and maintain and update safety procedures.
- Developed a custom web-based rota generation tool, which has now been adopted and used to streamline staff scheduling.

Lifeguard (Seasonal), Summers 2021 to 2022
Cirencester Open Air Swimming Pool – Cirencester, Gloucestershire
- Followed duty manager instructions, completing tasks to a high standard and supporting the daily operations of the pool.
- Attended regular training sessions to keep my lifesaving skills and knowledge up to date.

Recreational Assistant/Lifeguard, 06/2021 to Present
Cirencester Leisure Centre – Cirencester, Gloucestershire
- Performed all lifeguard duties, including monitoring the pool and administering first aid.

Skills And Experience

Technical Skills:
- Programming languages: HTML, CSS, JavaScript, Python, C#, C.
- Tools and IDEs: React, Git, Unity, Blender, Netlify, Visual Studio Code, Visual Studio, IntelliJ.
- APIs: Firebase API (for accounts and related databases), OpenWeatherMap API (for weather-specific webapp), and Spoonacular (for recipe-specific webapp).

Professional Skills:
- Leadership and team management through my work as a duty manager.
- Problem solving and communication, resolving customer issues and coordinating members of my team.
- Time management and organisation, balancing seasonal work with my personal projects and academic commitments.

Qualifications:
- UK driver's licence
- NPLQ lifeguarding qualification including first aid and CPR.
- NPSQ supervisor qualification.

Projects:
- **Rota generator web tool (https://rotagenerator.netlify.app):**
  - Developed to simplify the allocation of shifts.
  - Uses HTML, CSS and JavaScript, as well as external libraries such as SortableJS.
  - Integrated with the Firebase API for both authentication and real-time backend data storage.
  - Deployed via Netlify.com.
  - Adopted by my workplace to automatically generate rotas, significantly reducing allocation time.
- **Recipe generator tool (https://generator-recipe.netlify.app):**
  - Produced to allows users to search for recipes based on their preferences
  - Built using React in collaboration with a team of two colleagues, making use of Git to track changes between us.
  - Uses the Spoonacular API to fetch recipes and ingredients and deployed via Netlify.com.
- **Kanban board web tool (https://createyourtodoboard.netlify.app)**–
  - Produced a kanban board builder with persistent data handling via object management.
  - Implemented the SortableJS library to allow users to drag and swap lists and items around.
  - Included multiple user customisation features via DOM manipulation to allow them to create their own custom boards.

Personal Interests

In addition to this, I also enjoy keeping fit in the gym and swimming, alongside my interests in gaming.