OWEN WATT

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EDUCATION

Maynooth University, Maynooth, Co.Kildare   2020 - 2024
- B.Sc. (Honours) Computer Science and Software Engineering
- Additional First Year Subjects: Mathematics, Experimental Physics
- Coursework: See Appendix

Coolmine Community School, Blanchardstown, Co.Dublin   2014 - 2020
- Leaving Certificate CAO Points: 370 (predicted grades)
- Relevant coursework: Higher Level Maths & Higher level Physics

PROJECTS

Portfolio Website
- https://owenwatt.dev/
- Built a personal portfolio website using React.js, providing a clean and modern interface
- Implemented responsive design, ensuring optimal viewing experience on various devices and screen sizes..
- Utilized: React.js, CSS, HTML, Netlify

Discord Bot
- Developed a Discord bot with custom commands using Discord.js with 15+ commands.
- Implemented a database through MongoDB to keep track of statistics and settings for users.
- Designed commands displaying information from a RESTful API.
- Attained Verification from Discord due to being in 100+ servers.
- Utilized: Node.js, Discord.js, MongoDB, Heroku

Spotify Statistics
- https://spotifyscope.com/
- For now, the Spotify API requires I whitelist emails to use the app.
- Developed a web application using React JS, Tailwind CSS, and the Spotify API to display user statistics and create playlists with their top songs
- Implemented user authentication, data visualization, and playlist creation utilizing the Spotify Web API.
- Utilized Tailwind CSS for styling and design, resulting in a modern and responsive user interface.
- Utilized: React.js, Tailwind CSS, Spotify API

Workout Log Web App
- Developed a workout log web app using React JS and Firebase as part of a team project module.
- Utilized Scrum methodology as the full-stack developer and Scrum leader for the project.
- Implemented features including user authentication and workout CRUD functionality using Firebase's cloud database and authentication services.
- Utilized: React.js, Firebase, CSS, HTML

TECHNICAL SKILLS

Languages: Java, C#, PostgreSQL, MongoDB, JavaScript, HTML/CSS
Frameworks: React, Express, Tailwind CSS
Developer Tools: Git, VS Code, Visual Studio, IntelliJ, Eclipse

WORK EXPERIENCE

Sales Assistant at Dunnes Stores   July 2022 - now
- Greeted customers with a warm and friendly attitude.
- Answered any questions regarding sales and promotions from the store.
- Ensured the items were displayed neatly and recommended item placement for better sales.

APPENDIX

2nd Year Results (sorted by grade)

Module	Grade %
Intro User Experience(UX), User Interface(UI)	89
Databases	83
Algorithms & Data Structures 1	78
Operating SYS:Communcations & Concurrency	78
Introduction to Statistics	72
Calculus 3	61
Computer Architecture	59
Algorithms & Data Structures 2	58
Software Engineering & Software Process	57
Web Information Processing	55
Software Testing	50
Theory of Computation	40
Annual Mark/Result	62.7

3rd Year Modules
- Computation & Complexity
- Computer Networks
- Programming Languages & Compilers
- Software Design
- Software Verification
- Team Project