Paulina Czarnota

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Portfolio: https://github.com/PaulinaCzarnota/Portfolio-Website

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Education

2021 – Present   **BSc (Hons) Computer Science**
Technological University Dublin, Dublin 7
Results: Pending | 3rd Year: Predicted 2.1 (Hons) with a strong focus on Web Development

Modules: Computer Architecture, Microprocessors, Operating Systems, Program Design, Object-Oriented Programming, GUI Programming, Client-Server Programming, Web Development, Software Engineering, Algorithms and Data Structures

Programming Languages: Python, C, Java, Bash, HTML5, CSS, JavaScript, Node.js, Kotlin, PHP, SQL

Software Proficiencies: Microsoft Office Suite, Visual Studio Code, PyCharm, MySQL, PHPMyAdmin, XAMPP, Oracle, MongoDB, Ubuntu

Version Control: Git, GitHub

2015 – 2021   **Leaving Certificate**
Mount Carmel Secondary School, Dublin 1
CAO Points: 480
Subjects: Higher Level (History H3, Home Economics H3, Business H3, French H4, Polish H3), Ordinary Level (English O1, Maths O1)

Key Projects

2021   **Web Development: Travel Blog Website**

- Developed a travel blog using HTML5, CSS, and JavaScript to promote key travel destinations in Poland.

2022   **Web Development: Library Management System**

- Designed and developed a library management system using XAMPP, HTML5, CSS, and PHP. Implemented CRUD operations for managing books and members.

2023   **Algorithms and Data Structures: Graph Algorithms and Traversals**

- Implemented in Java, featuring Prim's and Kruskal's algorithms for minimum spanning trees, Dijkstra's shortest path algorithm, and graph traversal algorithms (depth-first and breadth-first).

Professional Experience

March 2019   **Childcare Worker, Pitter Patter Community Creche & Pre-School, Dublin 7**

- Provided comprehensive care for children aged 1 to 5, including feeding, cleaning, and engaging in educational activities.

- Developed and implemented creative learning activities, improving children's problem-solving and communication skills.

March 2019   **ESB STEPS Engineering Your Future Programme, ESB, Dublin 3**

- Participated in engineering challenges, assisted with calculations and experiments, and engaged in project-based learning.
- Collaborated with peers to solve complex engineering problems, enhancing teamwork and problem-solving skills in a practical setting.

November 2018   **Retail Sales Assistant and Deli Assistant, Eurospar, Dublin 11**

- Managed stock and provided customer service while adhering to HACCP guidelines for food safety.
- Prepared and served deli items, ensuring a clean and efficient store environment.

October 2018   **A&L Goodbody Step In Programme, A&L Goodbody LLP, Dublin 1**

- Gained insights into the legal profession, attended workshops, and improved professional communication skills.

Interests & Achievements

Leadership

- Served as Class Representative in secondary school, advocating for students' needs and facilitating communication between peers and faculty.

Community Engagement

- Volunteered at Friends of the Elderly Ireland from September 2018 to January 2019, organizing weekly events and activities for the elderly.

Cultural Exploration

- Extensive travel experience across Europe, with a keen interest in learning about different cultures.

Additional Skills

- **Collaboration & Teamwork:** Effective in team settings, contributing positively and productively.

- **Effective Communication:** Skilled in presentations, reports, and engaging diverse audiences. Fluent in both English and Polish.

- **Analytical Thinking & Problem-Solving:** Proficient in analysing complex problems and developing solutions.

- **Time Management:** Adept at prioritizing tasks and meeting deadlines.

- **Adaptability:** Flexible with changing requirements and quick to learn new technologies.

- **Technical Proficiency:** Experienced with various development tools and software; stays updated with technology trends.

- **Driving:** Clean learner's permit for category B.