Siddharth Anbarasan Rita

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Education

Stepaside Educate Together Secondary School - Junior & Leaving certificate   Sept 2016 - June 2022
- **Subjects:** English, Spanish, Mathematics, Biology, Physics, Computer science and Physical education studies

University College Dublin, Computer Science   Sept 2023 –
- **Coursework:** Data Structures and Algorithms, Operating systems, Object-oriented programming, Web design

Technical Skills

Languages: C, Java, JavaScript, SQL, Python, HTML, CSS, Scala
Libraries/Tools/Technology: Linux, Matplotlib, JUnit, Numpy, Git, MySQL

Experience

Digital Literacy support   Dec 2019 – Feb 2020
- Enrolled in a program called "Age Action" in Transition year of secondary school.
- Assisted older adults with basic use of phones/computers. Also helped with troubleshooting problems they experienced in their technology.
- Explained technical concepts in simple terms, developing strong communication and problem-solving skills.

Retail Assistant, Fresh good food market   June 2020 - August 2020
- Assisted customers with products & provided friendly service, restocked shelves to ensure availability with good presentation
- Helped unload deliveries into storage and co-operated with other staff to organize inventory efficiently

Projects

Hexoust – 2-Player Board Game   2024
- Collaborated in an Agile environment using sprint-based development and version control.
- Developed core gameplay mechanics, including capturing logic, move validation, and win/loss conditions.
- Assisted with making unit tests to ensure correctness of game.

Smart Motion Detection and Web Alert System (Nicknamed "Autolight")   2023
- Project based on IoT and real time data. Designed a motion-sensing system using BBC Micro:bit, which detects motion and triggers a light circuit
- Created Python script to read sensor data from the micro:bit and push real-time updates to Firebase.
- Made website to display the live updates. Further styled website to resemble an official product page for the motion system."