Robert Vaughan

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Github: https://www.github.com/robertjwvaughan

EDUCATION

2015 – 2019: Bachelor of Science (Hons) Computer Science – Dublin Institute of Technology

Award expected: First Class Honours

Current Year: Third Year

Current Grade Average: 78%

Relevant Studied Module Grades

First Year	Second Year
Algorithm Design & Problem Solving - 94%	Object Oriented Programming - 90%
Programming - 91%	Databases 1 - 85%

All Module Grades: See LinkedIn profile

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2010–2015: Leaving Certificate (470 Points) – Skerries Community College, Skerries, Dublin

Honours Level	Ordinary Level
Technology B1, History B1, Geography B3, French C1, English C1, Mathematics C3	Irish B2

TECHNICAL SKILLS AND PROJECTS

Proficient in the following languages:

Java	C	PHP	HTML	SQL	JavaScript

Projects

Java
- *Tetris*
  - An implementation of Tetris that utilises unique recursive algorithms for collision and rotation.
- *College Society App* (in development)
  - An ongoing group project to develop an app that will organise society signups are give users information of ongoing society events.
- *Sci-Fi UI*

C
- *Dynamic Matrix Calculator*
  - A program that utilises the concept of pointers and memory allocation to multiply any size matrices together.
- *Binary Insertion Sort*
  - An implementation of Insertion Sort that utilises a binary search to help sort a dataset.

HTML & PHP
- *Library Website*
  - An implementation of a dynamic website for a library that queries from a database.

All projects hosted at: https://github.com/robertjwvaughan/

EMPLOYMENT RECORD / EXPERIENCE

May, 2017 – September, 2017   ZOO Digital, 19-20 Denzille Lane, Dublin 2, Co. Dublin
Software Developer

- Languages
    - PHP 7
    - JavaScript with jQuery
    - Java 8

- Frameworks
    - Drupal 8 (Content Management Framework)

- APIs
    - Google Maps API's

- Experience in:
    - Meeting with clients and understanding their needs within a project
    - Working with various teams with the use of agile workflow methodologies

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September, 2016 – Present   DIT Computer Science Society (DIT CompSoc)
Founder & Chair

- Organising and managing events
- Liaison with college officials and companies
- Tutor at the society's code support centre
- Meet with various third parties in organising events and obtaining sponsorship

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May, 2016 – September, 2016   Gerry's Fresh Foods, Strand Street, Skerries, Co. Dublin
Retail Assistant

- Customer support
- Stocking of shop goods
- Cashier duties

GENERAL SKILLS

- Extensive experience in team based work and carrying out leadership duties
- Various communication skills from giving presentations, chairing meetings, working with third parties in organising events and meeting with clients to establish project specifications
- Problem solving abilities from the studying of Computer Science
- Time management and organisation
- Customer/Client service experience gained from past occupations

INTERESTS AND ACHIEVEMENTS

- Co-founded the Computer Science Society within Dublin Institute of Technology and acted as Chair during the academic year of 2016 to 2017
- Organised and co-hosted an Intervarsity Hackathon with Workday
- Founded the Code Support Centre within Dublin Institute of Technology
- Organised and hosted the Dublin Institute of Technology's Google HashCode 2017 Hub
- Achieving a First average to date
- Learning languages such as Rust, Python and Kotlin

REFEREES

All referees are available upon request.