Eoin Pinaqui

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EDUCATION

Trinity College Dublin - *Integrated Masters in Computer Science (in progress)*
September 2018 - May 2023

I received the Book Prize for my exam results in first year.

First Year Grade: 1.1 - (3.98 / 4.00 GPA Equivalent) (86% overall)

Class Rank in First Year: 6/100

Relevant Programming and Software Development Grades:
- Introduction to Programming 1: 88%
- Programming Project 1: 89%
- Introduction to Computing 2: 98% (ARM Assembly Language Programming module)
- Algorithms and Data Structures (in progress): 100% in all assignments and tests so far
- Systems Programming (in progress): 100% in all assignments and tests so far

Naughton Foundation Scholarship - *Recipient 2018*
September 2018

I was chosen as one of 36 students nationwide for the Naughton Foundation Scholarship because my Leaving Certificate results placed me in the top 0.01% of students in Ireland in 2018. I received the points total of 625 by achieving a H1 grade in all seven of my Leaving Certificate subjects.

PROJECTS AND COMPETITIONS

Flow Traders, Code@Flow - *Made Shortlist for Hackathon Event*
November 2019

I have made the shortlist of 30 students all over Europe for a Hackathon event in Amsterdam. I passed an algorithms code test and a phone interview on data structures to do this. The final decisions will be released on November 15th.

Postfix and Infix Calculator - *C Programming Language*
October 2019

I wrote a calculator program, capable of evaluating both postfix and infix expressions, in C to teach myself about pointers and Ubuntu/Linux. Find this project on Github.

Online Resume - *HTML, CSS and Bootstrap*
May 2019 - Present

I taught myself how to use HTML, CSS and Bootstrap for front-end web development to make an online resume/portfolio. Here is a link to my responsive online resume and portfolio.

TCD News (Coursework) - *Social News Aggregator using Java and the Processing IDE*
March 2019 - April 2019

I project managed and programmed a social news aggregator, capable of browsing over 4GB of HackerNews posts. I received a grade of 89% on this project. Find this project on Github.

Connect Four (Coursework) - *Connect Four game using Arm Assembly Language*
March 2019

I programmed this Connect Four game with a computer player as part of my Introduction to Computing 2 module. I received a grade of 99% on this project. Find this project on Github.

Reply Coding Challenge - *Team Leader and Lead Programmer*
March 2019

I led the first-year team representing Trinity in the Reply Coding Challenge 2019, where we came 256th out of 2859 teams in Europe.

EXPERIENCE

IT Intern - *Wexford County Council*
June 2019 - August 2019

- Protected over 700 machines from security threats such as the BlueKeep vulnerability by using Solarwinds Patch Manager to control the automated patch management process.
- Set up ManageEngine Desktop Central system by installing agents on and configuring over 400 machines.
- Updated over 100 computers from Windows 7 to Windows 10 Enterprise by creating and deploying images to different departments.
- Used basic JavaScript to help create an internal application for monitoring ring-buoys across the county.

Class Representative - *2nd Year Computer Science 2019/2020*
September 2019 - May 2020

In my first two months in this role I have:

- Organised two information events and one social night.
- Contacted lecturers about issues with assignments.
- Been elected to a position on the STEM Ball organisation committee.
- Attended and spoken at Students Union Council and EMS Faculty Assembly.

Sailing Instructor - *Wexford Harbour Boat and Tennis Club*
June 2017 - August 2018

- Lead teams as Level Head on four training courses.
- Organised six successful day trips.
- Instructed over 100 trainees with a 90% pass rate.

TECHNICAL SKILLS

Some of the technical skills that I possess (programming languages/technologies are in bold):

- Object Oriented Programming using **Java and C++**.
- Using my knowledge of **Algorithms and Data Structures** to solve problems creatively.
- Implementing solutions to problems using **Arm Assembly Language** Programming.
- Designing Information Systems using **UML Diagrams, XML and Xquery.**
- Using **Github and Subversion** to collaborate on projects in programming teams.
- Using **HTML, CSS and Bootstrap** for front-end web development.
- Manipulating and analysing analogue and digital signals using **Matlab.**
- Critical thinking, problem solving and mathematical skills.

LEADERSHIP EXPERIENCE

Some of the leadership roles I have experience in include:

- Class Representative of Second Year Computer Science 2019/2020.
- Winner of the All-Ireland Rotary Youth Leadership Development Competition 2017.
- Irish Youth Delegate in the European Parliament at a Euroscola event.
- Elected Spokesperson for Climate Action and the Environment at said Euroscola event.
- Level Head as a Sailing Instructor.
- Team Leader in Computers and Society module in Trinity College Dublin.
- Project Manager in Programming Project 1 module in Trinity College Dublin.