

Eoin Pinaqui

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EDUCATION

Trinity College Dublin - *BA (Mod) Computer Science - (Currently in Second Year)*

September 2018 - May 2022

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

Naughton Foundation Scholarship - *Recipient 2018*

September 2018 - May 2022

I was chosen as one of 36 Naughton Foundation Scholars 2018 because I received the maximum points total of 625 by achieving a H1 grade in all seven of my Leaving Certificate subjects.

CODING PROJECTS AND COMPETITIONS

Postfix and Infix Calculator - *C Programming Language*

October 2019

This C program allows a user to evaluate both postfix and infix expressions by passing them through the command line as parameters. This program uses a Stack data structure that I wrote to evaluate the result values of expressions. [Find this project on Github.](#)

Space Invaders - *Java and the Processing IDE*

May 2019

This Java project allows a user to play a game of Space Invaders. This project uses the Processing IDE to create a window and to draw items to the screen. This implementation makes use of ArrayLists to store all of the aliens and their bombs. [Find this project on Github.](#)

Online Resume - *HTML, CSS and Bootstrap*

May 2019 - Present

I taught myself HTML, CSS and Bootstrap to create a responsive online portfolio of my projects, work experience and other things that can be found on my CV. This web page is hosted and published on Github Pages. [Here is a link to my responsive online resume and portfolio.](#)

TCD News (Coursework) - *Java and the Processing IDE*

March 2019 - April 2019

I project managed this social news aggregator as part of my Programming Project 1 module in first year. This project was written using Java and the Processing IDE. I created all of the widgets and queries that allow a user to navigate through over 4GB of HackerNews stories and comments. This includes drop-down menus, search-bars and all other navigation tools. I received a grade of 89% on this project. [Find this project on Github.](#)

Connect Four (Coursework) - *ARM Assembly Language*

March 2019

This ARM Assembly Language project allows a user to play a game of Connect 4 in the console, against a computer player. I received a grade of 98% on this project. [Find this project on Github.](#)

Reply Coding Challenge - *Team Leader and Lead Programmer*

March 2019

I acted as Team Leader and used Java to solve algorithm and data structures coding problems, scoring 90% of the points for our team. We came 256th out of 2859 teams in Europe in this event.

PROFESSIONAL EXPERIENCE

Information Technology Intern - *Wexford County Council*

June 2019 - August 2019

- Used JavaScript and UML diagrams to help create an internal mobile-application for monitoring ring-buoys across County Wexford.
- 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 over 400 machines.

TECHNICAL SKILLS

- 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.