Eoin Pinaqui

pinaquie@tcd.ie | Eoin Pinaqui on LinkedIn | eoinpinaqui on Github | eoinpinaqui.com

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 my first year in college.
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 an 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.

Open Flow Implementation - *Java and Docker (Coursework)*
December 2019
I received 105% on my implementation of the Open Flow routing protocol with extra credit. This project allows users to send messages across a network of Open Flow switches and uses Dijkstra's Algorithm to determine the shortest path. 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 my first year in college. 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 the ManageEngine Desktop Central system by installing agents on over 400 machines.

TECHNICAL SKILLS

- Object-Oriented Programming using Java.
- 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.