

# Kieran A. Malloy

· ASPIRING SOFTWARE ENGINEER ·

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## Education

### The University of Strathclyde

Glasgow, Scotland

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Sep. 2018 - Exp. Aug. 2023

- First year classes cover a variety of subjects such as programming and the theory of computation and information with an elective in Business Studies

### Notre Dame High School

Greenock, Scotland

HIGHERS

Aug. 2012 - Aug. 2018

- Computing Science (A), Music Technology (A), Mathematics (B), Physics (B), English (C), , Chemistry (C), Graphic Communication (C)

### InfoSec Skills

FOUNDATION CERTIFICATE IN INFORMATION SECURITY

2017

## Skills

**Programming** JAVA, Python, C, SQL, LaTeX

**Web Development** HTML5, CSS, JavaScript, PHP

**Management** Git, Linux Administration

**Microsoft Office** Word, PowerPoint, Excel

## Experience

### British Heart Foundation

Greenock, Scotland

VOLUNTEER

Present

### Hall's Newsagents

Greenock, Scotland

PAPERBOY

2012 - Present

### University of Strathclyde

Glasgow, Scotland

TEXTLAB (VERTICALLY INTEGRATED PROJECT)

2018 - Present

- Joint research project between the English and Computer Science departments at Strathclyde, see <http://losp.us/>

### AMCS Corp.

Glasgow, Scotland

JUNIOR SOFTWARE ENGINEER WORK EXPERIENCE

2017

- During this placement I worked alongside software engineers to create software that would allow customers to easily manipulate large amounts of data stored on a server using C and SQL. This helped me understand how a software company runs and allowed me to greatly improve my knowledge of programming in C.

### GCHQ

London, England

CYBER SECURITY EXPERIENCE

Aug. 2017

- This involved working with Cyberist's from GCHQ on all aspects of cyber security including securing networks, preventing attacks and even launching attacks using tools like Wireshark and ProRAT.

### University of Strathclyde

Glasgow, Scotland

MARINE ENGINEERING

Jul. 2016

- This course involved creating various types of boats that were tested in the Kelvin Hydrodynamics Laboratory

### BAE Systems / Lancaster University

Lancaster, England

GENERAL ENGINEERING

Jul. 2012

- During this placement I worked with fellow students and engineers from BAE Systems to build and code a remote-controlled minesweeper robot.

## Extracurricular Activity

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### Shoto Budo Karate

BROWN BELT

### Inverclyde Boys Club

CENTRE MIDFIELD / CAPTAIN

## Honors & Awards

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2019    **Dean's Certificate for excellent results**, University of Strathclyde

*Glasgow, Scotland*