

# JAYDN GOODWIN

Third year Computer Science student at the University of Edinburgh interested in software design, development and engineering.

I am a passionate and committed individual who is self-motivated and always striving to be the best person I can be, both professionally and personally. I work well independently and as part of a team including situations that involve a lot of responsibility and pressure.

## CONTACT

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## TECHNICAL EXPERIENCE



## HOBBIES & INTERESTS

- Edinburgh Ice Skating Society President 2019/20
- Amateur photography including long exposure and portrait shoots
- Web design and development
- My personal website
- My custom built computer
- Music & podcasts

References available on request.

## EDUCATION

### Computer Science BSc (Hons) | University of Edinburgh September 2016 - Present

**Relevant courses:** Functional Programming, OO Programming, Data & Analysis, Natural Language Processing, Machine Learning and Algorithms, Software Design and Modelling, Software Testing, Operating Systems, Computer Security

#### Relevant coursework:

Lexer, parser and typechecker for a made-up formal language, using Java.	86%
Query system for a simplified version of natural language, using Python.	92%
Simulator that modelled a CPU cache and TLB, using C.	97%
Path finder with various searching algorithms, using Haskell.	98%
Team project developing the back-end for a tour guide app, using Java.	83%
Design and implementation of a multi-player collaborative location-based Android application, using Android Studio and Java.	73%
Round-Robin process scheduler, Buddy memory allocator and device driver for a research operating system, using C++.	94%

Team project creating and presenting an assistive robot involving hardware and software, including Arduino, Raspberry Pi, Android, Python and C

### Madras College

#### August 2010 - May 2016

**SQA Qualifications:** Advanced Higher: AAD | Higher: AAAAA | National 5: AAAABB

#### Relevant achievements:

- Trustees Award in Technology for 'Best Outstanding Engineering Pupil 2016'
- Ella Carmichael Medal in Mathematics for 'Most Improved Advanced Higher Candidate 2016'
- Madras College Peer Tutoring Award (2016)
- UK Senior Mathematical Challenge Bronze Award (2015)

## WORK

### Bar and Waiting Staff | Playfair's Restaurant July - September 2018

Based in St Andrews, I gained experience working in a high pressure and fast-paced environment involving managing stock, making drinks, taking and serving customer's orders effectively and efficiently.

### Barista and Waiting Staff | Henry's Kitchen July - August 2017

Based in the centre of Dundee, I worked as part of a small team to provide hospitality for cafe customers.

### Box Office Staff | Belladrum Tartan Heart Festival August 2016

I welcomed and processed people into the festival as well as dealing with any complaints and issues.

### Voluntary Peer Tutoring | Madras College August 2015 - May 2016

I assisted teachers by helping younger students with mathematics as well as coming up with creative lesson plans to help the pupils learn more effectively.