

# Declan O'Connor Masters Student

**GitHub:** declanoconnor  
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## PROFILE

I am an aspiring Data Analyst / Software developer studying for a master's degree in Advanced Computer Science in Liverpool Hope University. Over the following years I have developed a broad range of skills in all computing aspects. My current goals are improving my programming and core mathematical skills in relation to machine learning primarily through my own interest. I am incredibly ambitious, confident and I believe in my own capability to learn. I can stay motivated through complex tasks and I am now searching for employment in the computer science field to further develop my skills and experience in an industry setting. I am flexible to work any hours as the structured part of my course has now finished. I am eager to put my skills to use as I believe I would be an asset to any company due to my unwavering dedication to self-improvement and commitment to the progress of those around me.

## EDUCATION

### Advanced Computer Science Masters M.Sc. (PREDICTED GRADE: DISTINCTION)

**Level M - Machine Learning - VR - IOT - Big Data - Data Analytics - Scientific Programming**

### English Literature B.A & Information Technology B.Sc. Combined Honors (GRADE: 2:1)

**Level H - Advanced Web Technologies - App Development - AI**

#### **Dissertation - "Analysis of English Literature using NLP"**

Tokenizing, Stemming, Tagging, Chunking, Chinking, Lemmatizing, Mining, classifying and sentiment analysis used in NLP to analyse English Literature. Using the corpora compiled in NLTK, a tool kit running on the Python programming language.

**Level I - Database Technology – Networks Design and Testing**

**Level C - Computer Systems - Algorithm Design - Programming - Computational Methods**

## CORE LANGUAGES

R	Python	Keras
C++	MATLAB	PHP
SQL	Java	JavaScript

## Notable Knowledge

(HTML, CSS, Lua, Hadoop, Linux)

## INTERESTS

Artificial Intelligence  
Complex Analysis  
Software/Web Development

## HOBBIES

Bouldering/ Climbing enthusiast  
Cycling / Running  
Coffee lover  
Coding  
Travelling  
Reading

## ADDITIONAL

Valid CRB certificate  
Full Driving License  
Working towards AWS certification

## EMPLOYMENT

*Ryde Cycling Cafe – Liverpool*

*Barista* 2016-19

*UTV Finance – Warrington*

*Finance Assistant* July -Sept 2016

*Compass Events – Aintree*

*Bartender* Periodically in 2015

### *Duties*

- To display excellent interpersonal and professional skills.
- Strategize business development opportunities.
- To be able to work under pressure and maintain a keen attention to detail.
- To promote teamwork, motivation and innovation in all scenarios.
- Organizing and calculating mass amounts of data.
- Examining documents and locating specific results.
- Evaluating and determining tax amounts using mathematical functions.
- Assessing the applicability of various taxes.
- Deal professionally with complaints and customer issues.
- To set up the bar and close the bar at the beginning and end of the shift.
- Managing cash and payment systems in accordance with company procedures and policies