**JOSHUA GARVEY**

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<https://github.com/dantesantana>

# Career Objective

I am looking to secure employment or a work experience opportunity within the IT industry. I am currently undertaking my Master in IT and hope to use the knowledge gained from these studies in a practical manner to improve my skills and continue my career development. My experience in various group projects throughout my studies at QUT as well as my current retail employment through Beaumont Tiles allows me to work well in team-oriented environments.

# Project & Programming Experience

I have experience programming in C#, Python, C++, Java, R and Bash Scripting with minor experience in writing SQL Queries (MySQL, SQLite). In terms of web development, I am self-taught in HTML, Javascript, CSS, JQuery and Bootstrap, I have also used various data science models and modelling techniques through SAS Enterprise Miner (Decision Trees, Neural Nets, Ensemble Modelling etc…). As part of a 1 year project, I lead a team in designing, programming and publishing a PC game using C# in Unity.

I’m an assertive, courteous individual ready to undertake any tasks given to me to the best of my ability

# Work Experience

**2017 – Present Private Tutor**

*Queensland University of Technology*

My role as a tutor includes timetabling, studying and teaching subject matter to first year students in various 1st year subjects in the fields of Mathematics, Science and IT. As a student myself, time management is incredibly important when organizing tuition sessions around my current studies. I report to team-leader Joshua Long.

**2017 – 2018 Customer Service Specialist**

*Beaumont Tiles*

My role as a Customer Service Specialist encompasses a broad range of jobs and responsibilities including but not limited to handling and helping with sales, returns and deliveries (along with the paperwork entailed in these processes) as well as general cleaning, end-of-day banking, emails, accounts purchase orders and so on. Workplace health and safety is an important aspect of working with the adjoining warehouse to deliver goods safely in a timely manner. I report to Store Manager Steven Montgomery.

**2016 – 2017 Intern**

*Firestation 101*

My role as an intern at Fire Station 101 involved advising on website design, research/preparation for presentation to clients among other duties, I helped out with events and presentations held at the venue and I worked on a 3D pathfinding application for implementation in VR in my spare time. I reported to Chad Renando, the Organisational Leader in charge.

# 2016 – 2017 Volunteer Retail Assistant

# *St Vincent de Paul*

My role as a volunteer retail assistant involved various aspects associated with the daily running of a shopfront including but not limited to customer service, sales register duties, "holding" items, recommendations, merchandising, checking, repairing, tagging, steam and hanging various products (Clothing, Manchester, Hats, Shoes, Bags etc…) and cleaning storefront, backroom and outside perimeter.

Working with the team to achieve the above responsibilities within a timely, high quality manner was always a high priority. I reported to the Store Manager Michelle Hayes

**2016 – 2017 Tutor (Year 6 Mathematics)**

*Personal Tutor*

Responsibilities include:

* Understanding concepts 🡪 ratios, units of measurement, probability, data/graphs etc…
* Explaining/setting homework tasks
* Test preparation
* Assignment assistance

# 2012 – 2015 Tutor (Volunteer)

*Queensland University of Technology*

Responsibilities include:

# Teaching 1st year students Maths, Physics and Programming

# Helping several students simultaneously with assessment pieces on short time constraints

# Ability to field student enquires or direct appropriately

# Provide prompt and accurate email responses to students

# Responsible for providing classroom materials and assessment information

**Technical Projects**

**2018 Text Classification using fastText**

*Queensland University of Technology*

Facebook’s AI Research division released a linear classification program known as fastText for public use, the purpose of this Research Project was to assess its performance relative to other modelling techniques on the SIGIR 2018 Rakuten Dataset (<https://sigir-ecom.github.io/data-task.html>). Some of the more pertinent files relating to this project can be found on my Github page (<https://github.com/dantesantana/fastText-Text-Classification>) including the final report.

Project Features:

* Short-Text Classification
* Ensemble Modelling
* Ten-Fold Cross Validation
* N-Grams
* Stemming
* Single-Hidden Layer Neural Network

# Education

**2017 – Present Masters in Information Technology**

**(Data Science Major)**

Queensland University of Technology

**GPA: 6.444**

**2012 – 2017 Bachelor in Applied Science (Geoscience Major)**

*Queensland University of Technology*

**2012 – 2016 Bachelor in Games and Interactive Entertainment**

**(Software Technologies Major)**

*Queensland University of Technology*

# Referees

**Name**: Lance De Vine

**Position**: Sessional Academic

**Company**: QUT

**Telephone**: 0415 558 015

**Name**: Joshua Long

**Position**: Team Leader

**Company**: QUT

**Telephone**: 3138 3036

**Email**: joshua.long@qut.edu.au

**Name**: Chad Renando

Position: Community Manager

**Company**: Firestation 101

**Telephone**: 0427 766 659

**Email**: chad@firestation101.com.au

**Name**: Steve Montgomery

**Position**: Manager

**Company**: Beaumont Tiles

**Telephone**: 0408 272 572

**Email**: tradecentral.qld@tiles.com.au