

# Brendan Jobus

BSc/MSc In Computer Science Student

## Contact

### Address

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### Github

[github.com/BrendanJobus](https://github.com/BrendanJobus)

## Skills

Languages - Golang, Java, Python, MySQL, C, C++

Technology/Environmentals/  
OS: Business Analysis, Data Analysis, Git, REST API, MySQL, database design, team leadership, Agile, Waterfall, linux

## Education

2018-09 -  
Current

### BSc/MSc: Computer Science

*Trinity College Dublin - Dublin, Ireland*

- Msc major - Data Science
- Completion date - May 2023
- Grades - 20/21 - 2.1  
19/20 - 2.1  
18/19 - 2.1

### Leaving Certificate

- 2018 - 540 points
- Castleknock College, Castleknock, Dublin

### Relevant Coursework

- Machine learning, statistics
- Advanced Telecommunications, Software Engineering and Software Engineering Projects, all received 1.1 in 20/21
- Computer Science: software engineering, **MySQL** database, algorithms, data structures
- Programming languages: **Golang, Java, Python, C, C++**
- Methodologies: **Agile, Waterfall**

### School Projects

- Development of packet interceptor, deconstructor and packet header interpreter using the Agile methodology. Role included:
  - Product Owner
  - Managing and supporting a team of 6 students
  - Gathering and analysis of business requirements
  - Solution design and presentation of design to stakeholders.
  - Development - C++
- Development of a HTTP and HTTPS local proxy server with a terminal - solo project. Role included:
  - Analysis of requirements
  - Solution design
  - Development - Python
  - All testing
- Development of a REST API using Golang for dealing with requests from an android web application for data from an Google Firebase based database. Agile methodology.
  - Product Owner
  - Managing and supporting a team of 6 students
  - Gathering and analysis of business requirements
  - Solution design and presentation of design to stakeholders.
  - Development - Go

## Work History

2021-06 -  
2021-08

### Camp Counselor/Robotics Counselor

*Trails End Camp, Beach Lake, PA*

#### As Robotics Specialist:

- Planned robotics classes in advance of classes, factoring in abilities and needs of participants .
- Coordinated and led activities using the camp's VEX robotics equipment..
- Provided clear instruction to activity participants to ensure fun and safety.

#### As Cabin Counselor

- Worked as a team with 2 other cabin counselors to provide a happy and secure environment for my campers during their 7 week stay.
- Implemented and participated in recreational activities to encourage teamwork skills and fun.

2020-09 -  
2021-05

### Competition's Officer(Voluntary)

*Dublin University Computer Science Society(DUCSS), Dublin, Ireland*

Was elected as the Competitions Officer of DUCSS which is Trinity College's computer science society.

My duties as Competitions Officer included:

- Planning coding competitions throughout the year
- Organizing the transition of the competitions from in person to online due to COVID-19 restrictions.
- Working with the society's marketing team to advertise the competitions.
- Arranging and leading meetings with external companies like Arista and Microsoft to provide backing and prizes for the competitions.

2019-06 -  
2019-08

### Sales Associate

*Primark, Blanchardstown, Ireland*

As sales associate my duties included:

- Worked on the cash desk processing sales.
- Prepared merchandise for the sales floor by pricing or tagging.
- Provided positive first impressions to welcome existing, new and potential customers.
- Engaged with customers to effectively build rapport and enhance their visit to the store.

### Individual Projects

Run an Arch Linux machine that was personally built from console only functionality to full graphical and audio based device.