Brendan Jobus

BSc/MSc In Computer Science Student

Contact

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(US Citizen)

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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:
  o Product Owner
  o Managing and supporting a team of 6 students
  o Gathering and analysis of business requirements
  o Solution design and presentation of design to stakeholders.
  o Development - C++
- Development of a HTTP and HTTPS local proxy server with a terminal - solo project. Role included:
  o Analysis of requirements
  o Solution design
  o Development - Python
  o 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.
  o Product Owner
  o Managing and supporting a team of 6 students
  o Gathering and analysis of business requirements
  o Solution design and presentation of design to stakeholders.
  o 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.