



# Demetra Camelia Neacsu

**Address:** Baba Novac Street, no 23, sector 3, Bucharest;

**Email:** [demetra.camelia@yahoo.com](mailto:demetra.camelia@yahoo.com) , [dcneacsu26@gmail.com](mailto:dcneacsu26@gmail.com)

**Contact:** +40730306507 | +447340782588

<https://www.linkedin.com/in/demetra-camelia-neacsu-795058174/>

<https://github.com/dcneacsu>

<https://gitlab.com/dcneacsu1>

## Professional Summary

Recent Software Engineering graduate with background in different programming languages along with Project Management Activities. Dedicated and hard-working type of person with a huge desire for software development.

## Education and Qualifications

**The University of Sheffield - South Yorkshire, England**

**BEng Software Engineering (September 2017 – June 2020) (Achieved: 2.1)**

**Core modules:** Data Driven Computing; Systems Design and Security; Java Programming; Internet of Things; Speech Recognition; Functional Programming; Automata, Computation and Complexity; Software Hut.

**Languages:** Romanian (native speaker), English (fluent), Italian (Basic, A2 Certificate)

## Technical Skills

- Proficient in the use of Microsoft Office
- Experience programming in Java, Ruby, Python, Haskell, SQL from working on University assignments.

## Relevant Projects and skills acquired

### 2<sup>nd</sup> year Software Hut: Team Project (Oct 2018)

- **Organisational skills/Critical thinking/Leadership:**
  - The objective of the project was to create an interactive web-based tool to demonstrate the ESPENTE data.
  - We had regular meetings with the clients and managed to create the best possible way to present the data of a mapping review of the research evidence pertaining the epilepsy specialist nurses.
  - This project really helped me improve my critical thinking due to the fact that I was able to interpret complex issues using information from multiple sources.

*Technology/Tools: Ruby on Rails, SQLite, Sass, Haml, JavaScript*

### 3<sup>rd</sup> year Dissertation Project (Oct 2019 – June 2020) (Achieved: First Class)

- **Individual Work:**
  - My dissertation project was “Heart rate and blood pressure variability” and the aim was to implement a model of heart rate and blood pressure variability and to use the model to investigate whether recordings of heart rate variability in normal subjects and patients with cardiovascular disease can be reproduced.

*Technology/Tools: Python/ The Scientific Python Development Environment/ NumPy/ Matplotlib/ Scipy*

### Engineering Your Hired (February 2019)

- **Communication:**
  - Participated in “Engineering Your Hired” which is a week-long project where all second years students in the Engineering Faculty tackle real world problems from a global perspective. My team and I won first place for the **Best Communicative Solution**.

*Business Grant Scheme: SMART*

## **2<sup>nd</sup> year Hackathon Hack Sheffield Society (Oct 2018)**

- **Teamwork/Pure Challenge/Eager to Learn:**

- Created a gambling app with two other group members in only 24 hours. We had to divide the responsibilities in order to achieve our goal on time and managed to win the **Funniest App Prize**.

## **Work Experience**

### **Treasurer and Founder of the Women in Computer Science Society (March 2018-June 2020)**

- I managed to develop my capacity of handling figures and cash as well as develop experience of financial control and budgeting.
- As a brand new society, I managed to organise and plan many social events. From these experiences, I learned how to have a better time management. Being in the organisational team, I ended up with multiple network connections.

### **Support Worker, University of Sheffield (September 2019- June 2020)**

- As a note taker I have attended and taken notes in students taught sessions so students that presented certain disabilities can have an accurate record of what has been covered. As an Examination Support Worker I also acted as a scribe, reader or exam prompt.

### **Content Creator, University of Sheffield (September 2018- June 2020)**

- As a content creator I had to edit videos/short clips along with being the presenter of certain vlogs with specific topics which were then posted on the University's Twitter account. Many of these topics included plenty of footage with the city and the University area in order to show future students the environment and, therefore, make them feel more comfortable.

### **Student Ambassador, University of Sheffield (November 2019- June 2020)**

- As a Student Ambassador, I had to help future students by giving them information about the University of Sheffield.
- I managed to organise tours for future visitors in order to present the buildings of our University along with scheduling certain meetings between students and university lecturers.

### **Wordpress Website, K-elicom (December 2020 - January 2021)**

- I have recently created an e-commerce website "Pharmacare" using wordpress. I have created a local server for development and a SQL database. After configuring a certain theme, I have structured the products by having categories and subcategories. I have implemented a method for translating the website along with created email accounts with the domain needed.

## **Certifications:**

- Baccalaureate (June 2017 - July 2017) - "Iulia Hasdeu" National College - Overall Result: 9,08
- European Computer Driving License (May 2017)
- Cambridge Certificate in Advanced English( CAE ) - overall score: 190
- Driving license - Category B

## **References:**

- Available upon request.