

## Profile

BEng Software Engineering undergraduate with practice in working with multidisciplinary teams. Competition has always been a driving force for me, allowing me to excel in my professional life. I also wish to utilise my existing experience of working in multicultural environments. I embody life-long learning through open-minded critical thinking, analysis and constant re-evaluation of previously gained values, ideas and experience.

## Education

### University of Sheffield

*Sept 2016 – ongoing**BEng Software Engineering with Year in Industry*

- 1<sup>st</sup> Year Modules Include: Machines and Intelligence, Introduction to Algorithms and Data Structures, Web and Internet Technology, Devices and Networks
- 2<sup>nd</sup> Year Modules Include: Automata, Logic and Computation; Data Driven Computing, Bio-Inspired Computing and Robotics

### Zlatarski International School

*Sept 2011 – June 2016**IGSCE (8th - 10th Grade), IB (11th - 12th Grade)*

- Bulgarian Diploma: 5.57/6 (20 including Mathematics: 6/6, Informatics: 6/6, History: 6/6,, Arts: 6/6, Philosophy: 6/6 and Geography & Economics: 6/6)

## Skills

- **Programming Languages:** Java Python Ruby Haskell HTML CSS JavaScript
- **Operating Systems:** Windows Linux
- **Data Management:** SQLite MySQL
- **Teamwork & Planning:** Agile development ( SCRUM, Kanban) Git UML
- **Tools:** Eclipse LaTeX Vim Tmux Bash Some experience with Unity Matlab Regular Expressions
- **Languages:** English (Fluent – IB English B: 6/7) Bulgarian (Native Language) German (Goethe-Zertifikat B2) Spanish (Elementary Proficiency)

## Technical Experience

### Sheffield Dental Care

*9th October – 27th November 2017*

Creating information management system for a private dental practice with a team of four students as part of my degree. Worked on developing Java Swing GUI interface and managing MySQL Databases with it.

### HackSheffield 3.0

*14th – 15th October 2017*

Sheffield's Major League Hacking hackathon. Creating software project with up to four people for a weekend. Developing crime heat map of Sheffield using Sheffield City Council open data and Python on the backend.

### Tweet a Pizza

*November 2016 – May 2017*

Developing pizza delivery system through Twitter tweets with six other students using the agile methodology. Featuring website, tweet and account management system written in Ruby and SQLite. Establishing understanding of developing and experiencing complete software project using SCRUM.

### Global Engineering Challenge (GEC)

*23th – 27th January 2017*

Working in groups of six engineers from different disciplines on a project adapted from the Engineers Without Borders Challenge based in Bambui, Cameroon. Designing an electrical supply infrastructure based on renewable energy sources. My contribution involved research, working on the team report and presentation and being a team leader for a day. I enhanced my problem solving and design skills, raised my global awareness and increased technical knowledge.

### Start-Up Weekend Sheffield

*18th – 20th November 2016*

A weekend to build a start-up company from scratch based on a problem chosen from a multidisciplinary team of up to six members. The start-up I was part of named KonnectVR focused on delivering custom virtual experiences to disabled elderly people to enable them to do what that they physically cannot via renting the equipment needed. As a software engineer I created the demo virtual experience representing a Beatles concert using the Unity game engine for the HTC Vive virtual reality handset. The judging panel ranked my team second place.

## Projects

### Dotfiles

November 2017 – Ongoing

- My Linux configuration files bundled with executable bash scripts for automated setup and installation on a new system or updating existing one
- Featuring multiple bash aliases and functions for automating daily tasks such as backups, process management, ssh and git

### Personal Blog

November 2017 – Ongoing

[mvlnt.com](http://mvlnt.com)

- Personal website and technology blog
- Gaining experience of setting up Linux web server

### Clan Management

February 2015 – Ongoing

[bgrebbels.mvlnt.com](http://bgrebbels.mvlnt.com)

- Maintaining four clans in the popular Supercell games Clash of Clans and Clash Royale. Developing a clan site.
- As holding the position of clan leader I am responsible for planning and maintaining the community which at its peak period (summer - winter 2015) consisted of 100+ people, and resolving all the disputes that arise
- This helped me become flexible team worker and plan my workload more efficiently

## Volunteering

### Mountain Guide

August 2010 – August 2016

The Bulgarian Yoga Association organizes a one-week yoga retreat every August. It takes place in various locations near the different Bulgarian mountains. Everyday there are several group walks up to one of the local mountain landmarks. Volunteering as the mountain guide for the group developed my communication and leadership skills, improved time management and experience of taking responsibility for a large group of people.

### Orphanage

2nd November 2014

As part of the club for orphanage improvement, I participated in daylong painting of the dormitories of an orphanage, "Prof. Asen Zlatarov", located in Sofia, Bulgaria. My objectives for this were undertaking new challenges, as well as my commitment to resolve issues that are of global importance.

## Interests

- **Sports:** Sports play important role in my lifestyle. Currently I'm training through my own program that I assembled from fitness, street fitness, yoga and mountain biking. It is combination of different elements like yoga breathing to enhance the workout and get the optimum outcome. Previously I took shooting lessons for 10 months, trained aikido for 6 months and karate for 2 years. I like mountaineering and walking in my free time.
- **Professional:** Member of the Computer Society and Hack Sheffield Society. Part of Project HEX 2018 – building a drone for IMechE Unmanned Aircraft System Challenge.
- **Fun:** Building simple projects with Raspberry Pi/Arduino. Experimenting with AWS and Web scraping.
- **Plan to Learn:** C++/C#, PHP, Rust, Docker & Kubernetes, Photoshop, Blender

## References

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