

VELIAN VELIKOV

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Education

University of Aberdeen: (Expected 1.1) **2020-2023**
MSci (Hons) Computing Science with Industrial Placement, Scotland

Degree courses include: Knowledge-Based Systems, Principles of Software Engineering, C/C++ Programming, Operating Systems

University of Dundee: (First 1.1) **2018-2020**
BSc (Hons) Computing Science, Scotland

Degree courses include: Multi-paradigm Programming and Data Structure, Algorithms and Artificial Intelligence, Computer Architecture and Unix, Object-Oriented Analysis and Design, Topics in Pure Mathematics

High School of Mathematics Baba Tonka: **2013-2018**
English with Mathematics, Bulgaria

Awarded with a High School Diploma (Overall grade: Excellent 5.80). Subjects included: Computing Science (Ex 6.00), Mathematics (inc. State Maturity Exam) (Ex 6.00), Physics (Ex. 6.00), English Language (Ex. 5.50). Grading Scale: 2.00 to 6.00

Relevant Work Experience

IT Department of Econt Express Ltd, bul. Slavyanski 16, 7000 Ruse Centre, Bulgaria **Summer 2018**
Business Intelligence Intern - Full Time (3 months)

- Quickly absorbed a solid understanding of the courier system.
- Adapted to work in a fast-paced office environment.
- Completed task assigned to me with a review weekly.
- Increased sector knowledge through online learning tools.
- Certificate of completion: **DAT201x: Querying Data with Transact-SQL** (course offered by Microsoft).
- Developed skills in analysing big data sets and producing high-quality Power BI dashboards.
- Gained insight and valuable knowledge from the point of view of someone who leads a company.
- Participated in meetings with external companies and first-person witnessed the negotiation process of maintenance and improvement process to the courier system.

IT and Technical Skills

Programming: Highly proficient in using C/C++ and Java. I have worked on projects involving C#, Transact-SQL, MySQL, PHP, and JavaScript. I have been exposed on a basic level to CQL, 8086 Assembly and Python.

Operating Systems: For my programming, I often switch between Windows and Linux, so that I am equally proficient in both. I have an in-depth understanding and always keep in mind memory management, multi-threading and resource distribution. I seek security and cross-platform support of the software I produce.

Software Development: From my own experience, and through the internship and my degree, I have gained individual and team-based working skills. My software development skills cover a wide spectrum of the software development cycle: from eliciting requirements, creating a product backlog, designing the underlying architecture, producing prototypes, testing, evaluation and redesign all the way to deployment. I also built useful team-working leadership skills this semester through the co-curricular initiative available to students: The Leadership Academy.

Software & Web Design: Solid understanding of front-end development. Competent in building static and dynamic web pages from the ground up using HTML, CSS, JavaScript, jQuery, as well as assembling interface components with the help of the Bootstrap framework.

General IT Skills: I have a solid understanding of Git version control system, UML CASE Tools like Visual Paradigm and online alternatives, Arduino and Robotics in 2D, Office 365 (Word, Excel, PowerPoint) and running a server at home. I am familiarising myself with NoSQL Apache Cassandra, Java-ML, Thermal Image Analysis, Image Validation/Identification/Recognition/Interpretation and OpenCV as part of a team-based university project.

General Work Experience

Deliveroo Roofoods Limited, 1 Cousin Lane, London, EC4R 3TE

Sep 2019-Dec 2019

Bicycle Rider - self-employed (Part-Time)

Just Eat, Fleet Pl, Farringdon, London EC

Sep 2019-Dec 2019

Bicycle Rider - self-employed (Part-Time)

- Efficient and rapid in completing orders and providing high customer satisfaction.
- Reported problems and suggested improvements to the courier system.

High School of Mathematics Baba Tonka, Bulgaria

2016-2018

Volunteer Sound & Visuals

I was on a team of 1 expert and 2 students. The team was responsible for the audio and sound synchronization during live activities organised by our school. The events were hosted within the local Drama Theatre or the University of Ruse. I also contributed to the organisation by creating macros that automated the process and reduce any likelihood of human error in the audio and video synchronization.

Interests & Achievements

The Leadership Academy Award: Reflected on my own leadership style through varieties of workshops, distinguished other leadership styles, learned how to deal with change and conflict, understood the wider impact of my decisions on others, set SMART goals for personal development.

Aberdeen Employability Boost Award: Gained Gold Award this academic year at University. I have improved my career development skills and attended online sessions led by professionals from different sectors.

Mathematics: I have always been fascinated to see how equations are applied in computing. Mathematics has helped me facilitate my analytical thinking and master the Computing Science knowledge to the best level I can.

Cycling: I use biking to get some fresh air and it is such a rewarding hobby in many aspects. Keeps me healthy and offers unparalleled adventures when I go out in nature.

References

Letters available upon request.