

Kristaps Dzenis

Address: Coventry, United Kingdom

Website: kristapsdzenis.name

e-mail: kristapsdzenis91@gmail.com

Profile

Kristaps Dzenis is currently a second-year MSci Computer Science with Artificial Intelligence student at Coventry University. He possesses knowledge in several programming languages, including Python, C#, C++, HTML, CSS, and JavaScript. Additionally, he has a solid foundation in various computing subjects such as virtualization, project management, IT security, data management, and networking.

With previous work experience outside the technology industry, Kristaps is now seeking a work placement /internship to apply the skills and knowledge he has gained through his recent education in software development or a related role.

Technical and Professional Skills

Programming	Python, C#, C++, HTML, CSS, JavaScript, SQLite
Software	MS Office, Excel, Word, PowerPoint, Outlook, MS Project, Visual Studio, PyCharm, CLion, Anaconda, Git
Operating systems	Windows 11, Windows 10, Windows 8, Windows 7, Vista, XP, Debian Linux
Hardware	High-end PC assembly and maintenance, video, and sound recording
Project management	Knowledge and experience managing software development projects gained through education
Languages	Latvian (Native), English (Fluent)

Education

15/09/2023 - Present **Computer Science with Artificial Intelligence MSci, Coventry University, Coventry**
Year 1 average grade: 85%
Predicted Grade: 1st Class Honours

Year 1 Modules: Programming: Concepts and Algorithms, Computer Systems, Mathematical Skills for Computing Professionals, Programming: Professional Practice, Working with Data, Integrative Project.

Year 2 Modules: Theory of Computation, Artificial Intelligence, Advanced Algorithms, Operating Systems, Security, and Networks, Data Science, Software Engineering.

01/09/2021 – 31/05/2023 **Level 3 BTEC Extended Diploma in Computing with Software Engineering**
South and City College, Birmingham
Grade Achieved: D*DD (A Level equivalent A*AA)

Key Modules: Software Design & Development Project, IT Systems Security and Encryption, Business Applications of social media, Computer Games Development, Website Development, Computer Networking, Virtualisation, Systems Analyses and Design.

01/09/2020 – 15/04/2021 **Level 2 Functional skills in English and Math(ESOL), South and City College, Birmingham**

01/09/2007 – 31/06/2010 **Vispārējā Vidējā Izglītība (General Middle Education), A Level equivalent**
13th Professional Highschool of Riga, Latvia
In 12 subjects including Maths, Science, English and IT

As well obtained vocational qualification in:
Construction works, site/project manager

Projects

2024 University Year 1 Group Project: **Integrative Project “Inteligencia de Casa”**

Group project developing web application for monitoring smart house devices using MQTT protocol.

Coventry University, GitHub Link: github.com/Inteligencia de Casa

Awarded 86%

- **Research** — Conducted independent and group research into the MQTT protocol and smart home and smart device software to conceptualize a functioning application capable of recording and displaying data from smart homes.
- **Technical Leadership** — Held the technical leadership role, guiding the project's programming aspects through all stages of development.
- **Implementation** — Developed the application using multiple languages, including Python, HTML, CSS, JavaScript, and SQLite. The project features a relational database, data transfer across a network, and a web application.

- **Documentation** — Produced a detailed 3000-word report on the project, documenting the work in a near-professional manner.

2024 Independent Project: “Digital Portfolio Website”

Independent project developing digital portfolio website to display various information about site’s owner.

Website Link: www.kristapsdzenis.name

- **Research** — Independent research into digital online portfolios, including what information should be included and what kind of layout and website styles could be used. Information gathered from internet and university resources.
- **Planning** — Planning of the website based on research done on digital online portfolios, including preparation of any files, images, and text included on the website.
- **Web development** – Development using HTML, CSS, and JavaScript.
- **Feedback** – Gathering of user feedback and implementation of improvements based on received feedback.

Additional Information

- **Consultant** – Have provided consultation to number of small businesses about how to create websites for business operations. Includes usage of website builder websites, where to obtain domains, design of websites and any other questions which can arise.

Employment History

01/12/ 2021 – 01/09/2023 Order Picker, BTC Activewear, Birmingham

- **Order Picking** — Picked orders in a warehouse environment, using electronic handgun scanners and computer systems for customers around the UK. Achieved required and often exceeded daily targets.
- **Flexibility** – Employment was on part-time flexible basis due to being in full-time education, therefore work was done across 24 hours per day, 7 days in a week, averaging 28 hours per week.

01/02/2021 – 27/08/2021 General Operative, Abraservice, Birmingham

- **FLT Operator** — Drove forklift counterbalance truck, including goods-in, goods-out, order picking, supplying production lines and moving stock around premises.
- **Overhead Crane Operator** — Handled overhead cranes up to 15 tonnes to move stock around premises.
- **Organisation and Planning** – Reorganised how and where stock is stored in storage places around premises because of ownership change requiring more space for new stock.
- **Communication** – Nature of employment required written and verbal communication with all parties involved, including director, managers, warehouse employees, customers, and delivery drivers on daily basis.

01/12/2019 – 31/03/2020 Assembler, Hydraforce, Birmingham

- **Assembly** — Assembled hydraulic manifolds using engineering drawings using different hand and power tools.
- **Quality Inspection** – Performed quality inspection on finished production.

01/03/2019 – 18/11/2019 General Operative, Buse Gases, Birmingham

- **Quality Inspection** — Prepared, filled, and tested gas cylinders following customer orders using different tools and machines.
- **Administrative Support** – Used Microsoft Office (Excel) to add or update all stock in database.
- **FLT Operator** — Drove forklift counterbalance daily to move stock around premises.

01/03/2018 – 31/01/2019 General Operative, E.J Bowman, Birmingham

- **Assembly** — Assembled heat exchangers for worldwide and local market after engineering drawings using hand and power tools.
- **Machine Operator** — Run soldering machines to finalize heat exchangers.

01/06/2017 – 31/01/2018 Quality Controller, Unipress, Birmingham

- **Quality Inspection** — Checked car frame parts (car wings) for any faults in manufacturing process.
- **Communication** – Reported any manufacturing faults to management and colleagues so that fault could be resolved.

References – available upon request