

Jordan Roper

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github.com/jrdnrpr
jordan-roper-portfolio.web.app

Studied Computer Science at the University of Portsmouth earning a Diploma of Higher Education. Solid foundation in Java, Python, and software design principles. Thrives in collaborative environments, offering fresh perspectives and innovative solutions. Effective communicator with teamwork expertise. Committed to staying current with industry trends and producing efficient, user-focused software solutions. Excited to contribute skills to dynamic teams, driving growth through cutting-edge applications.

Education

University of Portsmouth

Level FHEQ 5 – Diploma of Higher Education in Computer Science

Sept '19 to Aug '23

Queen Mary's College, Basingstoke

Triple Grade Distinction, Merit, Merit for Pearson BTEC Level 3 Extended Diploma in IT

Sept '17 to Jul '19

Everest Community Academy, Basingstoke

9 GCSE's, including Mathematics grade 5, English grade 4, Science grade B and Computing grade C

Sept '12 to Jun '17

Skills/Knowledge

- **Programming Languages:**
 - **JavaScript:** Design and program web applications taking part in producing all aspects of the project from front end through to back end.
 - **Java:** Design and develop the back end of applications in an Agile environment, take responsibility for the full life cycle of a software design project, including prototyping, proof of concepts, testing, design, and implementation.
 - **Golang:** Written small, efficient API programs. ○ **Python:** Hands-on development, problem solving and reverse engineering skills.
 - **Visual Basic:** Compile test scripts, analyse code and find causes of errors, revise programs with corrections.
- **Web Development Languages:** Design and develop aesthetic user interfaces utilizing **HTML JavaScript** and using **CSS** to style interactive web applications.
- **Report Writing:** Analyse results in a comprehensible, logical method with a clear understanding of the various sources of information being presented. ○ **Microsoft Word** ○ **Google Docs**
- **Development Tools:** Using different technologies to design and create projects.
 - **VS Code IDE**
 - **NeoVIM**
 - **IntelliJ IDE** ○ **Figma Online** ○ **Git/GitHub**

Projects

- **Personal projects:**
 - In the late stages of building a Website Portfolio, using VueJS 3 for the front end, tailwind CSS for styling, JavaScript with CSS for animating pages, firebase for backend, and Figma as a tool for prototype design.
 - Designed and created a maze generator using Java making use of a depth first search algorithm to fill all the nodes of a given matrix, which was then, programmatically written to a CSV file where it could be saved and later interpreted and rebuilt as a maze on a user interface.
 - Made use of Go to build simple REST APIs, mainly used for learning purposes.
 - Currently in the design phase of a proof-of-concept web browser UI, with plans to utilise the Tauri TechStack to bring the concept to life. ○ Using Swift-UI and Wikimedia-API to create a knowledge retention/cramming app inspired to help students whilst studying for an exam.

Work Experience

April 2020

Virstor Ltd, Basingstoke

IT Development

- Work experience with an IT service provider to gain knowledge of virtualisation of server and storage environments, such as VMware platforms and NetApp and HPE hardware.

February 2019

Hampshire County Council, Winchester IT Services Team

- Work experience in a fast-paced environment covering all aspects of IT support from data analytics and project work to computer automated testing and helpdesk support.
- Observing and gaining valuable experience in real work life scenarios and how different departments communicate.

Additional Information

- Full clean UK driving licence.
- Able to commute.
- Right to work in the UK.

Interests and Activities

- Keeping up to date with latest technology trends by regularly reading tech news from websites and online media.
- Learning new technologies, languages, and coding methods continuously through online forums, articles, and social media platforms.
- Member of a local gym, regularly work out to keep physically fit, motivated, and set goals.

References available upon request.