

Details

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Email and Profile Links

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Accreditations

- **Code Institute Channel Lead: JavaScript**
Q1 2022
- **Code Institute Retro Gaming Hackathon: Third Place**
August 2021
- **Code Institute Halloween Hackathon: Third Place**
October 2021
- **Milestone Systems Certified Integration Technician & Design Engineer**
Apr 2018 - Apr 2020

Skills

- JavaScript
- Python
- HTML
- CSS
- Django
- Unit Testing
- Mathematical Skill
- Lateral thinking
- Problem solving

Dave J. Horrocks

Junior Full Stack Software Developer

Profile

Professional and personable junior software developer with a great ability to learn, communicate and interpret. Well organised and efficient. Very comfortable with responsibility and new challenges. High attention to detail and always striving for perfection. Happy working alone and as part of a team. HTML, CSS, JavaScript and Python comprehension.

Career changer into the software industry, hoping to bring skills developed in other occupations into the fast-paced world of software development. Innovative approach to problem-solving and a confident lateral thinker. Great believer in well-implemented processes and efficient workflows.

During my mechanics apprenticeship, I was successful in winning the AutoSkills UK competition. This is a competition that rewards applicants for knowledge and skills, as well as good working practices, including professionalism and safe working. It is a national competition and I was very pleased to finish in 1st place in 2011.

Employment History

Technical Content Reviewer - Code Institute - *Remote (Ireland)*

Feb 2022 – Present

- Review educational programming content for accuracy and clarity
- Review proposed graphics for accuracy, clarity and added value to students' experiences
- Review pedagogical approach, and maintained styling, of learning content with attention to value provided to students' experiences
- Create and review coding challenges
- Write automated unit tests for coding challenges
- Monitor common bugs being raised and resolve appropriately
- Liaise with, and assist, engineering team as and when necessary
- Help develop and implement 'single source' documentation and style guides
- Encourage better attention to accessibility requirements
- Explore and test various cloud deployment/hosting services
- Create student facing documentation for guides and walkthroughs
- Write various functional scripts for use within CMS platform

Sheet Metal Fabricator - Steel Frog Ltd. - *Weston-Super-Mare*

Mar 2020 – May 2021

- Reduce operation times by editing G Code files to speed up repetitive processes
- Operate CNC machinery for processing sheet metal
- Metalworking skills (*welding, grinding, polishing, etc.*)
- Work within fine tolerances (*0.2mm*) and strict project deadlines
- Update workshop layout with employer, utilising existing skills, to create a more efficient workflow

Personal Mechanic/Sales Prep - Copper Spark - *Nailsea*

Mar 2019 – Mar 2020

- Maintain and modify personal racing cars as required
- Various and extensive levels of maintenance and repair work to light vehicles, generally being prepared for sale (*mechanical, electrical and aesthetics*)
- Organise job priorities and time frames with no managerial input
- Maintain stock levels of consumable items

Education

■ Lvl 3 NVQ/Diploma Advanced Light Vehicle Maintenance and Repair

Bridgwater College
Sep 2009 - Jun 2012

■ GCSEs

Gordano School, Portishead
Sep 2001 - Jun 2006

11 GCSEs, grades A* - C

- Electronic Products - A*
- Mathematics - A
- Statistics - A
- German - A
- English - C

Hobbies and Interests

- I thoroughly enjoy cooking, listening to music, and playing card and board games. I walk often and enjoy the fresh air as much as I can. I enjoy riding my motorbike and maintaining my vehicles, as well as a few friends'. I am currently trying to teach myself to 'speed-solve' the Rubik's cube.
- I play a few video games and hope to make more of my own in the future. My first coding exposure was working with Unity, creating a very basic 2D platform game. I would love to continue this passion in my leisure time as my skill set develops. I have a passion for problem-solving and love to explore puzzles and logical challenges.

References

- Available on request

Security Systems Engineer - Astron Fire and Security Ltd. - Bristol

Apr 2015 – Mar 2019

- Milestone Systems accredited design and installation engineer
- Complex fire alarm and intruder alarm cause and effect programming
- Integration between IP, digital and analogue systems
- Logic programming with check controls
- Detailed report writing, with findings, recommendations and equipment used/required
- Work in large teams as lead engineer, alone as independent worker and liaise with third party companies when necessary
- Health and safety representative for engineering team within company
- Install, maintain, repair and upkeep a variety of intruder alarm, fire alarm/life safety, staff attack, CCTV/IP video systems and access control equipment
- Flexible working hours to suit business/client needs
- International operations when necessary (*Europe*)

Further history available on request

Courses & Extracurricular

Full Stack Software Development - Code Institute

Accredited by the University of the West of Scotland - RQF Lvl 5

Apr 2021 - Current (delayed completion due to being hired by course provider)

- Code Institute Slack Community Channel Lead
- Technical Content Writer for Code Institute Blog
- HTML/CSS Portfolio Project - Distinction
- JavaScript Portfolio Project - Distinction
- Python Portfolio Project - Distinction
- Full Stack Portfolio Project (Django) - Distinction
- Hackathon Participant
- Hackathon Team Facilitator

Learn Ruby - Codecademy - Apr 2023

An introductory course to the Ruby programming language.

codewars.com

Codewars consists of multiple coding problems, called Kata, that can be solved in a variety of languages. I have successfully completed in excess of 190 Kata and continue to enjoy the challenge and educational benefits of tackling more. I recently achieved the honor rank of 4Kyu which allows me to create Kata for other developers. I am currently in the top 7% of all users of the site (over half a million users).

cheeseStrings NPM package

I am the author of an NPM package that modifies String object properties in JavaScript. This was an experimental and enjoyable challenge for myself. The package's functions are fairly basic as the purpose was to investigate how NPM packages are created and maintained.

Thank you for your consideration