

Laurence Martin

Location: SW London

D. O. B: 12/07/1997

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Nationality: British

Technical Skills

<i>Coding Languages</i>	<i>Engineering Methods</i>	<i>General</i>
C / Embedded C / C++ / C#	Version Control (Bitbucket / Git)	IDE's (Visual Studio 2005 - 2022)
SQL (Management studio)	Issue Tracking (JIRA, Confluence)	Network Troubleshooting
Java	TCP / Serial Modbus connections	MS Office (Word, Excel)
MATLAB	Digital Signal Processing	DAW's (Cubase, FL Studio, LSDJ)
Swift / Kotlin	VST Design	Debugging / Troubleshooting

Work Experience

2019 - Present EPROD ESCADA - Software Engineer

- Software developer and installation engineer for SCADA systems (process and machine control systems) for use in the corrugated cardboard industry. Utilising C, C++, C# & SQL languages.
- Build systems for desktop applications specific to each project from technical contracts and electrical drawings, collaborating with project managers and electrical / mechanical engineers.
- Develop and configure interfaces for control with manufacturers, using TCP and serial communications with moxa, and PLC interfaces with Siemens PN/PN Coupler.
- Develop, maintain, and document code using Atlassian tools (JIRA, Bitbucket, Confluence, GitHub) along with utilising standard development practices (Sprints, Stand-ups, etc.).
- Travel for work internationally to deliver project outcomes including configuration and commissioning of additional applications (SQL Servers / DB and private networks).
- Project managerial skills involving communication with customers, project building and travel planning internationally for myself and others.
- Working under pressures of go-live dates, collaborating companies' intervention on-site, language barriers and time restraints.
- Setup of remote support tools (RDP, Dameware, TeamViewer) to deploy and assist projects.

Personal Experience

Development in personal time using Kotlin and GitHub working on app development techniques and practices. The creation of an app which encompasses all these elements including GUI design, animation, saved state, coroutines and web scraping as some examples.

Education

2015 – 2019 **MEng Electronic Engineering with Music Tech. Systems, University of York**

- First Class Honours MEng
- 4th year project (1st – 73%), Using evolutionary algorithms to analyse speech deficits in Parkinson's Disease sufferers before and after Deep Brain Stimulation (DBS) surgery.

2008 – 2015 **Radyr Comprehensive School and Sixth Form**

- A level: Maths (A), Welsh Baccalaureate (B), Physics (C), Music (C).
 - AS Level: History (B).
 - GCSE: 4A's, 5B's and 3C's including A in Maths and B in English.
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Activities and Interests

- Strong musical interest, been playing guitar, bass, piano and drums for many years and have been part of multiple bands.
 - Socialise with friends both local and afar, travelling across the UK to meet up.
 - Exploring new places and food either as part of work travel or recreational.
 - Compose in multiple genres of music (Metal, Rock, Chiptune, Electronic Dance Music, etc.).
 - Play multiple genres of video games on multiple platforms (FPS, RPG, Rhythm, Racing, etc.).
 - Stay active by going to the gym a few times a week and playing sports where I can.
 - Have a full driving licence, currently drive for business purposes to airports and UK based sites.
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References

On Request