

JOHN LYNCH

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PROFILE

An experienced, resourceful individual who is highly motivated, conscientious and reliable, accustomed to meeting targets within time, cost and exacting standards in a wide variety of roles. My experience, training and education within computer science, IT, mathematics and teaching show my ability to learn quickly to a high standard over a broad range of technologies.

I am keen to work in scientific programming, mathematical modelling, backend engineering, machine learning or a related field.

KEY SKILLS

- Adaptable and flexible - ability to cope with changing priorities and different working environments.
- Reliable, conscientious, with a cheerful disposition.
- Meticulous, able to persevere with a problem to its conclusion.
- Multi-lingual speaker of Italian, German, some French and Spanish.
- Keen, enthusiastic and competent team player.
- Excellent written English, experienced at writing high-quality documentation.
- Commercially aware.

TECHNICAL SKILLS

- Languages: Python / Javascript (ES6) / Java / Clojure / VB.NET / Bash / HTML / CSS / GLSL
- Database: Postgres / MySQL / MongoDB
- CMS and Frameworks etc.: jQuery / Node.js / Bootstrap / Flask / Django, Heroku, AWS
- Operating Systems: Linux / MS-DOS / Windows
- IDE: Sublime Text / VS Code / Visual Studio / Eclipse
- Mathematical programming: Fractals / Linear Algebra / Vector & Matrix maths / Matlab
- Version Control: Git / GitHub

QUALIFICATIONS

Currently studying Machine Learning with Andrew Ng (Stanford Univ. online course) 2019

Diploma - Full Stack Web Development:

First Class Honours (Code Institute) accredited by Edinburgh Napier University **2019**

Sun Certified Java Programmer **2009**

Microsoft Certified Professional (VB.NET) **2008**

City and Guilds in Software Development **2008**

BSc Mathematics – University of Hull (UK)

RECENT STUDY

- | | |
|---|--------------------|
| Machine Learning Student – Stanford University Online | 2019 - |
| <ul style="list-style-type: none">• Currently studying through Coursera | |
| Software Development Student – Code Institute, Dublin | 2018 - 2019 |
| <ul style="list-style-type: none">• Awarded First-Class Honours Diploma (see above section). | |
| Software Development Student – FÁS Centre, Bishopstown, Cork | 2008 - 2009 |
| <ul style="list-style-type: none">• Awarded SCJP (Sun Certified Java Programmer) and MCP (Microsoft Certified Professional, VB.NET) | |

RECENT CAREER EXPERIENCE

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|---|--------------------|
| Self-employed computer technician – West Cork / Cork City | 2015 - 2018 |
| <ul style="list-style-type: none">• PC repairs, troubleshooting, security, upgrades, tuition etc.• Start-up company, targeting domestic and small business market.• Marketing to prospective customers. | |
| English teacher – Cork English College, Cork and Linguarama, Madrid | 2011 - 2015 |
| Self-employed computer technician – West Cork / Cork City | 2003 - 2011 |
| <ul style="list-style-type: none">• As above | |
| Technical Manager – Direct Memory International, Carrigaline | 2000 – 2002 |
| <ul style="list-style-type: none">• Managed factory building PCs for the PC Superstore retail chain.• Designed and implemented factory build procedures, stock control system and testing protocols from scratch.• Managed the pre-installation, testing and rollout of the first Windows XP systems. | |
| PC Technician / Chief Technician – PC Superstore, Cork | 2000 |
| <ul style="list-style-type: none">• Designed and implemented repair job audit and logging procedures. | |

ADDITIONAL INFORMATION / INTERESTS

- I love using mathematics and coding to create art. See <https://www.teraspora.net/>
- I enjoy playing music (piano, tin whistles, alto sax), especially with other musicians.
- Other interests include chess, backgammon, cooking, gardening, carpentry/DIY, hiking, linguistics, psychology...
- My Github repositories can be found at <https://github.com/teraspora/>