Conor O'Mahony

EDUCATION

B.Sc. Hons. in Digital Technology, Design and Innovation
Oct 2017-Present

Dublin Institute of Technology & Digital Skills Academy.

- Currently in progress – expected completion date October 2018.

- *International Entrepreneurship Team Project:*

    - Pitched an idea for an Entrepreneurial Project and developed the idea using practical learnings from the Enterpreneurship module, such as Business Model Canvas, Customer Development and Lean Start-up.
    - Remotely collaborated with other team members distributed across Europe in the UK and Switzerland, using online collaboration and management tools such as Trello, Slack, and Google Suite.

- *Course Modules:*

    - User Experience (UX) and Solutions Design; Innovation and Agile Development; Front-End Development for Web and Mobile I/II; Mobile and Device Development I/II; MVC Application Frameworks; Computational Thinking; Industry Entrepreneurship, Creativity and Innovation.

- *Technologies, tools and methodologies used include:*

    - Responsive Web Design, HTML/HTML5, CSS/CSS3, JavaScript, DOM, Web Storage API
    - Bootstrap 3/4, jQuery, jQuery Mobile, SASS CSS preprocessor, React.js and JSX.
    - WAMP stack, Object-oriented PHP, MySQL, CodeIgniter MVC framework, XAMPP.
    - Microsoft Visual Studio Code, Git/Github, XML, JSON, Node.js Package Manager, Webpack, Gulp Task runner.
    - Scrum, Trello, Slack, Google Drive, Google Docs.

Ph.D. in Computer Science
Oct 2009-Oct 2013

Cork Constraint Computation Centre, University College Cork.

- Completed Ph.D. in reasoning with partially ordered preferences in various decision making fields, such as multi-criteria decision making and decision making under uncertainty.

- Implemented a soft constraints solver in Java to solve soft constraints problems and compare different algorithms developed during the course of the project.

- Involved collaborating, researching and writing technical papers using LaTeX and preparing and presenting at academic conferences.

- Developed self-management skills to manage own time, deadlines and direction.

M.Sc. in Multimedia Technology (First Class Honours)
2002–2004

University College Cork

B.Sc. in Computer Science (First Class Honours)
1996-2000

University College Cork

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Java Software Engineer/Senior Java Software Engineer — Oct 2013-Jan 2018
Java Software Engineer — Aug 2006-Sep 2009
Pilz Ireland Industrial Automation Ltd., Model Farm Rd., Cork.

- Developed Java and Eclipse based software applications for configuring safety in PLC and Motion Control hardware used in industrial automation systems.

- Collaborated with other development team members and stakeholders in an Agile (Scrum) environment, developing features and user stories, and participating in Scrum ceremonies such as daily Scrum, grooming and planning meetings, and Sprint reviews and retrospectives.

- *Technologies, tools and methodologies used include:*

  - Java 5-8 SE, Eclipse IDE, Eclipse RCP (Rich Client Platform), EMF (Eclipse Modelling Framework), GEF (Graphical Editing Framework), SWT/JFace UI toolkit.
  - TDD (Test Driven Development), JUnit 3/4 test framework, GWT (Google Window Tester), RCP UI Testing Toolkit.
  - Git and Subversion for source code control; UML (Enterprise Architect/Eclipse Papyrus) for design; Phabricator Differential for code review; Yodiz Agile Project Management; Apache Maven and Jenkins for build.

- Promoted to Senior Java Software Engineer (Jan 2015).

- Attended in-house training in Agile and Scrum.

- Involved in recruitment process interviewing and recruiting new graduates.

- Contributed minor bug reports and fixes to open source projects at eclipse.org.

- Member of Sports and Social committee organising company and sports and social events.

IT Helpdesk Support Specialist — Sep 2004–Apr 2006
Siemens Business Services, Penrose Wharf, Cork.

- Provided IT technical support on the phone, troubleshooting and solving IT problems.

JavaScript: Understanding the Weird Parts — Mar 2018
Online course on Udemy.com.

Fundamentals of Graphic Design — Sep 2017
Online course on on Coursera.com, by California Institute of the Arts.

Sun Java Certified Programmer 1.4 (Exam CX-310-035) — May 2004
Sun Microsystems.

Leaving Certificate (535 Points)
Scoil Mhuire, Ballingeary, Co. Cork.

- Exercise, yoga, soccer, tag rugby, walking and running.

- Music, reading, films, photography and meditation.

- Dr. Nic Wilson, Insight Centre for Data Analytics, University College Cork.
  nic.wilson@insight-centre.org

- Timothy O'Leary, Senior Software Development Engineer, Forcepoint, One Albert Quay, Cork.
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