

# Curriculum Vitae

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Developed numerous programs in an academic and professional setting using a variety of programming languages, both static-typed and dynamic. With a passion for programming and a willingness to learn, I am eager to work in a company that allows developer expression, and also allows them to broaden their knowledge by getting hands on experience with various projects.

## Qualifications & Education Record

**2013 – Present      Bachelor (Honours) of Computing      Institute of Technology, Tallaght**

### *3<sup>rd</sup> Year Modules studied*

Technical Internship <b>(A)</b>	Web Design & Development 2 <b>(A)</b>	Project <b>(A)</b>
Cloud Computing <b>(B+)</b>	Algorithms and Data Structures <b>(A)</b>	Operating Systems <b>(A)</b>
Advanced Databases <b>(A)</b>	Innovation & Entrepreneurship <b>(B+)</b>	

**Year 3 GPA:** 3.86 / 4.00

### *2<sup>nd</sup> Year Modules studied*

Second Year Project <b>(A)</b>	Software Quality & Testing <b>(A)</b>	Object Oriented Analysis <b>(A)</b>
Web Design & Development <b>(A)</b>	Networking 1 <b>(A)</b>	Management Science <b>(A)</b>
Software Development 3 <b>(A)</b>	Networking 2 <b>(A)</b>	Discrete Mathematics 2 <b>(A)</b>
Software Development 4 <b>(A)</b>	Information Security <b>(A)</b>	Database Design <b>(A)</b>

**Year 2 GPA:** 4.00 / 4.00

## Employment History

January 2016 – July 2016	<b>Technical Intern</b> Worked as part of a team implementing features across various applications for Groupon's affiliate marketing program. Worked with web technologies & frameworks including Play Framework & The Spring Framework. Designed and implemented REST APIs as part of a major feature release within the team I was based. Took part in QA & testing. Experienced DevOps role by managing servers and web applications.	Groupon, Lower Ground Floor, Connaught House, 1 Burlington Road, Dublin 4
June 2014- Present	<b>Social Media Specialist</b> Communicating with customers Social Media on the official Paddy Power Facebook and Twitter accounts. Dealing with technical and customer concerns. Operating on a public front meant that great care and excellent customer support was required at all times.	Paddy Power PLC, Power Tower, Belfield Office Park, Dublin 4

## **IT Skills**

- Programming Languages: Academic and professional experience using Java, HTML & CSS, JavaScript, SQL, C/C++ and C# amongst other languages.
- Experience and interest in web technologies and frameworks. Experience using JSON, AJAX & REST API's. Strong understanding of web application architectures.
- Experience administrating Virtual Machines and Databases in Microsoft Azure.
- Experience on Windows, Unix Operating Systems and OS X command line interfaces.
- Knowledge of administering an Oracle database server using Oracle SQL Developer and related SQL commands.
- Experience in testing and debugging various applications and code. Wrote unit tests and UAT in a professional setting. Hands on experience with Cucumber & Robot Testing Framework.

## **Project Work**

Currently undertaking my 4<sup>th</sup> Year project in conjunction with IBM. This entails visiting their campus bimonthly and working with an IBM Mentor to complete a project specified by them. Project is based on using IBM's Watson to introduce machine learning into messaging services.

Designed and implemented various endpoints in Java using The Spring Framework while working at Groupon International. Experience handling large data sets in an efficient manner and ensuring my work was to specification within an Agile environment. Released the feature set to production a week early and has since been used to track thousands of sales. As part of this project I was also writing test suites for code using Cucumber & Robot Framework, as well as taking part in manual testing for the user interface.

Undertook an extensive group project as part of second year, using Play Framework, an MVC Architecture for developing Web Applications. We were the first and only group to not use Java Swing. Using a combination of Scala, Java, HTML and JavaScript, we developed a fully working application. Features included an Oracle SQL database, authentication and authorisation/session management using Cookies. As part of the project I learned project management skills, application design skills, version control, testing, input validation, among others skills.

## **Other Accomplishment**

- Awarded Student of the Year in Computing in my Third Year of studies.
- Mentor of "CoderDojo @ The Science Gallery" helping children become interested in computer programming.

## **Hobbies and Interests**

- Regularly play a varied range of sports including soccer, squash, air-soft and table tennis.
- Have an interest in game development, and I am currently learning to use the Unity Game Engine.

**Referees available upon request**