

## Daniel Coxon

Phone: 085-286-4262 Email: [dancoxon37@gmail.com](mailto:dancoxon37@gmail.com)  
[www.linkedin.com/in/dancoxonprofile](http://www.linkedin.com/in/dancoxonprofile)

### SUMMARY

Developed many systems and programs since starting college using Java as a main coding language. Also, designed and developed many web based applications using HTML, CSS and the JavaPlay Framework. Interested in increasing knowledge on the use of data in real world applications. Ambitious to gain experience in work environments, putting these skills to practice and to continue learning.

### IT SKILLS

- Confident user of Java using Netbeans IDE
- Can design and develop software based on specification (Java)
- Can design and create database schemas
- Capable of designing developing websites using HTML, CSS, JavaScript, Twitter Bootstrap, Visual Studio Code, IntelliJ IDEA
- Competent user of Windows and Windows Command Prompt
- Design build and troubleshoot a network using routers in Cisco Packet Tracer
- Configure a router using the Cisco IOS command set

### EDUCATION & QUALIFICATIONS

#### **2015 – 2019 BSc (Hons) Computing**

Institute of Technology Tallaght, Dublin 24

#### **4<sup>th</sup> Year: GPA: 3.02**

Semester 8		Semester 7	
IT Governance and Quality	<b>B</b>	Interactive Media Design & Visualisation	<b>B</b>
E-Learning	<b>B+</b>	Information Management	<b>B+</b>
Advanced Cloud Provisioning & Networking	<b>C+</b>	Social Media Analysis	<b>B+</b>
Operations Research	<b>B</b>	Private Cloud Architecture	<b>B-</b>
4 <sup>th</sup> Year Project (Final)	<b>B</b>	Enterprise Performance Architecture	<b>B</b>
		Security for Cloud & IoT	<b>C+</b>
		4 <sup>th</sup> Year Project (Research)	<b>B</b>

#### **3<sup>rd</sup> Year: GPA: 2.32**

Semester 6		Semester 5	
Experiential Learning (Work Placement)	<b>B-</b>	Networking 3	<b>C</b>
Industry Project	<b>B-</b>	Advanced Databases	<b>C</b>
		Web Application Development	<b>C</b>
		Operating Systems	<b>C</b>
		Innovation & Entrepreneurship	<b>C+</b>
		Cloud Services & Distributed Computing	<b>B</b>

#### **2013 – 2015 HND in Contemporary Music Performance.**

Ballyfermot College of Further Education, Dublin 10

#### **2013 – Leaving Certificate**

Holy Family Community School, Rathcoole, Dublin.

## **Significant Projects Undertaken**

### **4<sup>th</sup> Year Project**

This project was based around Rule-Based Interactive Chatbots, the variety of platforms available to develop them on and their use cases. The final iteration of this project was developed using Dialogflow. Functionality of the final chatbot included, allowing users to book a table for a restaurant, taking their name, date of choice, time of choice, the number of guests they wish to book for and storing them in a backend database. The database that was used for this storage is Google's Firebase 'Realtime Database'.

Other functionality available to users included being able to view a food menu, which was pulled from the database, and place a food order. This order was then also stored in the database. Users could also review their booking information or cancel their booking if desired which removed all their data from the database.

As the project was broken into three iterations, iteration two used a competing platform to Dialogflow called 'Amazon Lex', offered by Amazon Web Services (AWS). The aim of iteration two was to compare the two development platforms after building similar systems on each.

### **Challenges faced & overcome**

- Researching, learning and working with new technologies
- Database implementation & bug fixing
- Meeting multiple deadlines across two semesters

### **Technologies & Tools Used:**

Google Dialogflow, JavaScript + Cloud Functions, Firebase Realtime Database, Amazon Lex + Lambda Functions.

## **WORK EXPERIENCE**

### **January 2018 – July 2018      Internship      Graphic Mint UX Design Agency, Dublin Ireland.**

- Web Development Support
- Marketing Communications
- UX/UI Design & Development

### **June 2016 – Present      Musician**

- Playing gigs in various venues around Dublin
- Crowd interaction/entertainment

### **May 2015 – June 2016      Restaurant Staff      An Poitin Stil, Dublin Ireland.**

- Working in fast paced high stress kitchen environment
- Liaising directly with chefs/management
- Serving customers in the restaurant.

## **INTERESTS & ACHIEVEMENTS**

### **Sporting**

- Member of club and school basketball team from 2005 – 2013. Participated in and won many tournaments around Ireland.

### **Musical**

- Placed first in multiple music competitions and currently using my talent and qualification as a part time job. Have also used this skill to travel and work. For example, summer of 2016 was spent living in Spain and supporting myself by playing multiple gigs, meeting many different people and enjoying the experience.

### **Posts of responsibility**

- Volunteer member of the local youth club, helping to organize and participate in many events over the years including trips to Peamount Hospital where we did musical performances and weekends away to Glendalough and Wales. 2007 – 2012.

## **REFERENCES**

Available on request