

# ANDREW JENKINS



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## PERSONAL

Software Engineer with a demonstrated history of working in the advertisement and medical industry. Skilled in Web Development, Public Speaking, Graphic Design, Web Design and C#. Strong research professional with a First Class Bachelor of Engineering Honours Degree (BEng) focused in Computer Software Engineering from Queen's University Belfast.

## EDUCATION

### 2013 - 2017 **Queens University Belfast - Software Engineering w/ Placement [BEng]**

#### Year 1

Computer Architecture, Introduction to Software Engineering, Introduction to the Science of Computing, Fundamentals of Programming, Programming Challenges, Reasoning for Problem Solving.

#### Year 2

Data Structures and Algorithms, Networks and Communications, Professional Computing Practice, Software Engineering, Advanced Programming using Android, Database Systems.

#### Year 4

Concurrent Programming, Software Design Principles, Software Engineering Project, Software Testing and Verification, Advanced Computer Architecture.

### 2011 -2013 **Belfast Metropolitan College - Extended Diploma in IT**

Distinctions: Communications & Employability, Information Systems, Systems Analysis & Design, Event Driven Programming, Website Production, Digital Graphics, E-Commerce, Communications Technology, Object Orientated Programming, Procedural Programming, Client Side Customisation of Websites, HCI, Maths for IT Practitioners.

Merits: Software Design & Development, Computer Animation, Web Server Scripting.  
Passes: Computer Systems.

### 2011 **Bangor Grammar School - AS Level**

Technology and Design [B], Information Communication Technology [C], Applied Engineering Module [C]

### 2010 **Bangor Grammar School - GCSE**

Technology and Design [A], Information Communication Technology [A], Maths [B], Religious Studies [B], Biology [B], English [B], English Literature [C], Physics [C], French [C]

## TECHNICAL SKILLS

### **Development Languages:**

C#, Java, SQL, HTML, CSS, VB.net, JavaScript, JQuery and Groovy.

### **Applications & Development Tools:**

Rider, Net Beans, Visual Studio, Microsoft Office (Word, Excel, PowerPoint etc.), Adobe Collection (Photoshop, Dreamweaver, Illustrator, Lightroom and InDesign), Eclipse and IntelliJ.

### **Technologies:**

.NET Core, Zuul, Docker, Amazon Web Services, Event Store, RabbitMQ, Postgres, Angular 7, HTML 5, SCSS, Spring Core, Spring XD, Spring Boot, Git, MongoDB, Jenkins, GitLab, Artifactory, Cloud Foundry, Entity Framework Core, Swagger.

### **Principles & Methodologies:**

SOLID, REST, Service Oriented Architecture (SOA), Microservices, Domain Driven Design (DDD), Gang of Four Design Patterns, Agile, SCRUM, Object Oriented Design.

## SOFT SKILLS

- Strong written and verbal communication skills
- Sound judgement
- Excellent time management and prioritization of tasks
- Ability to work individually or as part of a team
- Strong organizational skills
- Good leadership qualities
- Scrutinous attention to detail

## WORK EXPERIENCE

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### Apr 2018 - Present **Philips Digital & Computational Pathology**

Location: Titanic Quarter, Belfast  
Role: Software Developer  
Responsibilities: In my role as Software Developer, I continued to both: add bleeding edge features and maintain the TissueMark product from the Philips Computational Pathology product catalogue. I made key architectural and technology choices as well as training graduate and associate developers.

### June 2017 - Apr 2018 **Philips Digital & Computational Pathology**

Location: Titanic Quarter, Belfast  
Role: Graduate Software Developer  
Responsibilities: At Philips as part of a team of 6, I rebuilt a web application that is used to analyse tumor tissue samples in clinical & research applications and enhance the quality and reliability of macrodissection, nucleic acid extraction, and molecular profiling. I played a key/lead role in transforming TissueMark into a Service Oriented, scalable, cloud deployable and distributable platform.

### Sept 2016 - May 2017 **Sainsbury's**

Location: Bangor  
Role: Grocery Assistant  
Responsibilities: My role as a grocery assistant includes: stock replenishment, stock management, customer service and stock breakdown.

### July 2015 - Aug 2016 **Boxfish**

Location: Titanic Quarter, Belfast  
Role: Associate Software Engineer  
Responsibilities: The role I took on at Boxfish was part of my placement year at Queen's University. My job required me to spend the first number of weeks and months learning about the technologies Boxfish used. Once competent, with the help of other engineers I began to create software solutions to each rising problem the business encountered. This mostly included front-end User Interfaces and Spring XD batch jobs and streams. I gained experience as a full-stack developer.

### Oct 2011 - July 2015 **Sainsbury's**

Location: Bangor  
Role: Café Assistant  
Responsibilities: I worked in the Sainsbury's Café in Bangor and I had 4 key roles: Customer Service, Cooking, Barista and Till Operator.

### 2011 (1 Week) **Science, Technology, Engineering and Mathematics Network (STEM)**

Location: Euro Disney, Paris  
Role: Work Experience  
Responsibilities: At Euro Disney in Paris, I had the privilege of viewing and being involved in the 'behind the scenes' world of Disney. My role was to learn how the rides are created, how physics enables them to work, and their safety implications.

## ACHIEVEMENTS

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- Full UK Driving License
- Attended European Congress of Pathology 2017 (ECP)
- Grade 3 Electric Guitar
- NVQ in Barista Skills (Matthew Algie)
- Maths Award from Grammar School
- Piloted a Grob Tutor (Fixed-Wing Aircraft)

## HOBBIES & INTERESTS

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- Web design
- Graphic design
- Playing guitar
- Gaming on PC and PlayStation
- Photography
- App Development

## REFERENCES

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References are available upon request.