**Alex Grant**

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**SUMMARY**

Developed numerous programs in college using NetBeans, SQL Developer, Play Framework, Rational Rhapsody R Studios, Visual Studios, Git Hub, Intelij IDE, Notepad++ and Microsoft Office. I enjoy learning to use new software, and have been working within teams most of my life in sports and in education, not only can I work in a team but on my own using my initiative. I am calm, patient and reliable person and love a challenge.

**IT SKILLS**

* Java Developer.
* Scala
* Experience in system maintenance.
* Using OO Approach building data base schemas and UML diagrams.
* Can write SQL & SPARQL queries
* Can design and create database schemas using Rational Rhapsody.
* Capable of designing developing websites using Intelij, sublime, notepad++, CSS, HTML, Java Script and Play Framework.
* Consistent user of Windows Operating Systems.
* Design build and troubleshoot a network using routers and switches.
* Film editing using Final Cut Pro.
* Animation using Adobe Flash, Photoshop and Illustrator

**EDUCATION & QUALIFICATIONS**

**BSc (HONS) Computing and Software Development 2015 – to date Institute of Technology Tallaght, Dublin 24**

**3rd Year GPA(2.38)**

Web Application Development(C+),Operating Systems(B), Cloud servs and distrib comp(B), Advanced Databases(B-), Data Structures & Algorithms(D), Data Analysis(D), Internship(Complete)

**2nd Year GPA (3.23)**

Networking 1(**B+**), Software Quality Ass & Testing(**B**), Software Development 3(**B**), Web & Mobile Design & Development(**B**), Discrete Mathematics 2(**B**), Database Design & Programming(**B-**), Project(**A**), Networking 2(**B+**), Management Science(**B+**), Software Development 4(**B+**), Information security(**B+**), Object Orientated Analysis and Design 1(**C+**)

**1st Year GPA (3.17)**

Business & Information Systems(**A**), Object Oriented System Analysis(**A**), Database Fundamentals(**B+**), Operating System Fundamentals(**B+**), Software Development 2(**B**), Social Media Communications (**B**), Software Development 1(**C+**), Computer Architecture(**B**), Fundament of Interface & Web(**B**), Discrete Mathematics 1(**B**), Learning to Learn at 3rd Level(**B**), Statistics(**C+**),

**Internship bank of America Merrill Lynch February – August 2018**

In the second semester of our 3rd year we were required to apply for an internship. And I got a placement at bank of America Merrill Lynch. I was allocated to the operations team on the 5th floor. Our team was the Brexit team and had to aim for a hard Brexit so in other words the bank wanted to have all information on companies from Great Britten and sorted by the time Brexit is finalized.

I had two jobs within the bank one of which was an in-house project. The project was a dashboard and implemented in ITRS. ITRS Geneos is a mentoring system and uses Unix command line and basic scripting. There were six interns on the project and the workload was split up by our team manager an employee of the bank to oversee the progress

My day to day job was to create queries using SQL and SPARQL all queries where Brexit related. After the queries have been constructed I then created a Scala class and implemented the queries into the class. Because the database was so large the Scala class was constructed to deal with the big data. There was two places that the class had to be deployed and checked before it was deployed to production(PROD).

**Technologies used**

ITRS SQL SPARQL

Scala Jenkins Quartz

Intellij Jira Babun

**PC Store Application**

**Description**

This project was our 2nd year project for college building a CRUD web-based application using Java Play Framework. Technologies used include: **Java** **OO** Approach **HTML**, **CSS** and **UML** **using IBM Rational Rhapsody**, **Intelij** & **Scala**. We decided to do our application on a pc store we set rolls out for each other and I was to take the roll of the registration and log in page. I started with making the HTML pages and added CSS to make the form look nice and tidy; once I created the pages, the next step was to put the pages into play framework. For the login page, I put some constraint on various fields so users could only put the correct information. The functionality I added to the application was to add users to the database once the information had been added. The login functionality it was to check through the database a compare the information to the database and log the user in if the information was correct.

**Challenges faced:**

* Transferring static HTML pages to the play framework forms in play is a bit more complicated than in HTML
* The functionality we just started using play framework in the college and took a bit of getting use to but java helped me with this problem understanding the methods.

**Technologies & Tools Used:**

Notepad++, Sublime text editor, Play Framework, Java Script, SQL developer 11g.

**Level 6 Advanced Certificate Network and Software Systems 2013 – 2015 Crumlin College of Further Education**

* Computer Programming – Java / Visual Basic
* System Maintenance - Hardware & Software
* Building Peer-to-Peer Networks
* Data Communications
* Database – MS Access

**Digital Communications and Media/Multimedia FETAC Level 3 & 5 2010 – 2012**

**Digital hub**

**INTERESTS & ACHIEVEMENTS**

Sporting

* + Earning a cap for the Republic of Ireland at under 16s schools football team
  + Music editing and recording with experience in radio production and presentation (5 hours)
  + Managing a junior level football club with three years’ experience teaching under 8s – under 10
  + Soccer coaching badge level 1
  + Basketball coaching in college organizing a tournament and coaching the team.
  + Water Safety level 4

**Personal skills**

* Great at working with people.
* Very reliable and punctual.
* Using my inactive.
* Constructing documentations.
* Working to deadlines.
* Ambushes and always looking to be better.
* Flexible and multitasking.
* Completive.

Posts of responsibility

* + Volunteer member of a youth football team. Assistant manager and head coach at SandyHill FC

**REFERENCES**

Available on request