

CV of Michael Smith

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PERSONAL PROFILE

Currently pursuing a bachelor's degree in Computer Science (Honours) at Institute of Technology Tallaght. Experience working in a collaborative environment to problem solve software issues and improve functionality. Certified CompTIA A+ and CompTIA Network+ in Computer Network Installation & PC Maintenance.

EDUCATION

Institute of Technology Tallaght • Dublin, Ireland (2013 – Current)
BSc Computer Science (Honours Level), (GPA 3.17/4.00)

FAS Ballyfermot • Dublin, Ireland (2011-2012)
CompTIA A+ and CompTIA Network+

RELEVANT EXPERIENCE

Bank of America • Dublin, Ireland (September – Current)

Student Partnership (4th Year): "Machine learning for financial modelling"

- As an alternative method for model development this project will look at how 2 or 3 different machine learning techniques might be applied to the model development space. The outcome of the project will give some indication as to the effectiveness and performance of machine learning in this space.
- Created two models within the Azure machine learning environment with the goal of predicting foreign exchange rates for several currency pairings. Each model is running a different algorithm, one is running a neural network regression algorithm and the other is running a linear regression algorithm, to find out which model is more accurate at predicting foreign exchange rates based on several different features such as interest rates, unemployment rates, and GDP.

Third Year Project: "The design and implementation of a platform video game"

- Collaborated with team to research and develop a video game platform using Unity 5.3 engine. Researched popular gaming models and languages; gained proficiency using C# language in order to better develop the levels and user experience.
- Created a database to allow players to save scores and compete against friends. Game demo was chosen to be presented at the senior project faire at the end of the semester.
- Received an A grade for project.

ITT • Dublin, Ireland (2015)

Second Year Project: "The design and implementation of a part-time student registration system"

- Collaborated with team to create a part time registration system for prospective students to the university. Designed and created a prospective student portal and college administration portal for dual access.
- Investigated current registration process, in order to improve the efficiency and user experience for future administration and student users.

ADDITIONAL EXPERIENCE

New Look • (2010 - 2013)

Floor Associate

- Answering 50 plus customer queries a day, maintained store inventory and distributed materials.
- Worked within a team to achieve store location and regional goals, organized stock and sorted merchandise.
- The gap in my employment history is due to my strong commitment to my studies. Though there is a gap in my employment, the experience I gained through previous jobs has allowed me to develop my career path, work ethic and communication skills to better help me succeed as a student and future employee.

SKILLS

- Java • C++ • C# • Asp.Net • R programming • RESTful web services and APIs
- Azure Machine Learning • Oracle SQL • HTML, CSS and JavaScript • Networking • Tableau
- NodeXL • Cloud Computing • Unity Game Platform • Visual Studio • Logic and Problem Solving
- Project management

INTERESTS & ACHIEVEMENTS

Travelling – Enjoy travelling to the USA and Europe

Table Tennis – Occasionally practice with ITT Table Tennis Club

Film – Enjoy watching and researching films of all genres

Sports – Interested in all sports, but I particularly enjoy soccer having won numerous awards, as well as playing on club teams and in pickup matches.