**Simon O'Neill**

**Contact**

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**Education**

2012-Pres **DT211** **BSc (Hons) in Computing**

Dublin Institute of Technology, Kevin Street, Dublin 8

2005-2011 **Leaving Certificate 2011,** Patrician Brothers Secondary School, Newbridge

Higher: English (B1), Art (B1), Construction (B1), Technical Graphics (B1), Irish (C2),

Chemistry (D2)

Ordinary: Maths (B1)

Common: Linked Modules (B2)

**Work Experience / Key Responsibilities**

**Intern** (June 15th – August 15th) – Insight, University College Dublin

• Developed an Android application to measure and monitor human gait

• Worked under physiotherapists and researchers

• Used 3rd party Shimmer sensors

• Delivered iterations every week

• Presented work at DCU at end of internship

**Painter** (Summers of 2009 & 2011) – St. Conleth's and Mary's Primary School, Newbridge / St.

Conleth's Infant School, Newbridge

• Addressed the customer about what they wanted exactly

• Negotiated with customer regarding costs, materials and time needed

• Designed suitable colour scheme for the project

• Planned schedule for the project

**Store Clerk** (2011 Feb - Jun) – Woodies DIY, Newbridge

• Monitored stock of store's inventory

• Assisted customers when they needed help with their shopping

• Informed customers what items best suited their needs, based off price and requirement

• Helped co-workers assemble large, cumbersome displays.

**Store Clerk** (2009 Jul - Nov) – Art 'n' Hobby Shop, Newbridge

• Aided customers in their shopping needs

• Reorganised stock room into a more manageable state

• Arranged window and shelf displays into a more attractive fashion

**Interests**

Interested in systems and backend development. Experienced in C, C++, C# and Java with some practice in Bash and Lua scripting. Greatly interested in open source and projects centred around Linux.

**Achievements**

**Teamwork:** Can work independently or as part of a team. Able to take charge and organise others.

Aspire to help others whenever I can. I was team leader for a group project in 3rd year at DIT and brought to development a word processor written in Java. Lead a small business company in Transition Year. Made it to

the quarter-final of the Enterprise Student awards in Kildare.

**I.T:** Passionate and proficient in software and software development. Developed and published

software on the Windows Phone platform. Knowledgeable about Microsoft Office and Latex. Developed complicated systems in Java (Word Processor) and C++ (A Game Engine).

**Personal:** Awarded the Bronze Gaisce (President's Award) on the completion of Transition Year in

Secondary School. There were three challenge areas to this award, community involvement,

personal skill development and physical recreation. These three area were completed over the

course of 13 weeks.

**Community Involvement:** Oversaw an after hours P.E. Class for local primary school children in 4th

class. Collected signatures from all parents whose child was involved in the class. Advised

participants on game rules and practices. Refereed, or appointed a referee for all games that took

place.

**Personal Skill:** Took extra curricular art classes. Received the contact details of a recommended

tutor through my school's art teacher. Arranged the lessons with the instructor. Met with the

instructor twice a week for one hour to improve my skills in life drawing.

**Physical Recreation:** Joined town's badminton team for 16 to 20 year olds. Participated and

practised in matches every Friday for two hours. Co-ordinated with team member in doubles

games, and worked independently in single games. Achieved trophies for placing in several in-house tournaments.

Awarded a certificate of “Design and Innovation” upon graduation of secondary school for

dedication to extra curricular involvement for various projects, including concept designs for the

school website and a book cover illustration for a proposed year book.

**Referees**

**Work:** Aoibheann Bird, Education and Outreach Manager, UCD, Co. Dublin

**Email:** aoibheann.bird@insight-centre.org

**Academic:** Dr. Bryan Duggan, Professor at Dublin Institute of Technology, Co. Dublin

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