

Simon O'Neill

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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
Tel: 353 1 402 4788 **Email:** bryan.duggan@dit.ie