

Conor O'Shea

EDUCATION

2010 - Present **Dublin University, Trinity College**
BAI – Computer Engineering: I.1
Currently studying for an MAI in Computer Engineering

2004 - 2010 **Clongowes Wood College, Co. Kildare**
Leaving Certificate
Total: 540/600 points

WORK EXPERIENCE

February 2015 – July 2015: **Intern**
Office of the Revenue Commissioners, ICT&L Division

6-month Internship programme with the Revenue Commissioners.

- Worked on a large scale project with a project manager, a technical lead, and two external specialists.
 - One of only two full time Java developers on the project.
- Spearheaded a supplementary intern project along with other interns.
 - Brought the project through the full project lifecycle.
 - Project to be rolled out to other divisions in Revenue, saving 10s of thousands of Euro in software costs and staff.
- Gained hands on experience with project governance structures.
 - Presented progress metrics at fortnightly steering group meetings.

June 2014 - August 2014: **Intern**
Electrical Analytics, Trinity College Dublin

Intern in a physics research group looking at providing broad reaching analysis of various components of the grid.

- Designed and developed a prototype Android user interface for gathering, processing and displaying data from a prototype Electric Field measurement device.
- Presented progress at weekly meetings with the group.

COMPUTER EXPERIENCE

Android Application Development

- Electrical Analytics measurement device interface as above.
- 2 Android Application development projects as part of team of 20
- Pub Crawl App: Personally responsible for placing information and location of destinations retrieved from server database on in-App map using Google Maps API
- Motivation Station App: Personally responsible for all back end and app-server communications allowing users to communicate and peer motivation to play a role.
- Also used OpenGL ES2, Google Play API and Android device motion sensors.

Web Development

Currently Web Master for Trinitones.com and EWB-Ireland.org

Computer Languages

- C & C++
- Java
- XML
- HTML & CSS
- Java Script & JQuery
- PHP
- Python
- Spin & Promela

EXTRA-CURRICULAR EXPERIENCE

June 2013 - Now: Member of National Executive, Engineers Without Borders Ireland

- Organise events such as fundraisers and guest lecturers.
- Organise outreach to bring development engineering to schools and youth groups.
- Secure international partnerships for student placements in grassroots development organisations.
- Provide advice, assistance and wider publicity to EWB student branches.

June 2013 – Now: Workshop Facilitator, ShoutOUT

A charity which provides free workshops to second level students throughout the country on making the school a more LGBT friendly environment.

- Working with up to 30 15 – 18 year olds at a time.
- Working with teacher to address specific issues that have come up for students.
- Fundraising and obtaining sponsorship to maintain this as a free service.

January 2012 – Now: Tenor, Trinitones

A pop a capella group in high demand for charity, college society and corporate events.

- Prepare for many different types of events as a team.
- Manage time together very effectively to perform at as many events as possible with a very small amount of practice time.

October 2010 – May 2013: Q Soc, Trinity LGBT

- Elected Public Relations Officer in October 2010.
 - Elected first ever Campaigns Officer in May 2011 as part of a rebrand and refocus.
 - Led a campaigns team of 20 through 4 successful campaigns, including one poster campaign shared 10,000 times between Facebook and Tumblr and reprinted in many universities around the world.
 - Elected Treasurer in May 2012; the year of the society's 30th anniversary.
 - Saw membership increase by 100% and active membership by 200% from before the rebrand.
-