

Benjamin Guilfoyle

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PERSONAL STATEMENT

Student currently studying astrophysics and computer science at Maynooth University, with a 2.1 average. Currently looking for work that can provide an excellent challenge, and opportunity to better my skills.

EDUCATION

Coláiste Mhuire Johnstown — *Leaving Certificate*

September 2010- June 2016

During my time in secondary school I studied 8: Mathematics, English, Irish, Business, Physics, Engineering, Applied Mathematics, and Chemistry. Receiving a total of 450 points.

Maynooth University — *BSc Physics With Astrophysics*

Sept 2016- Present

As part of my degree I study: Computer Science, Theoretical Physics, Experimental Physics and Mathematics. Grades for these subjects can be found on the next page.

EXPERIENCE

Programming Support Centre(PSC)

September 2017- Present

I am currently involved in the Maynooth University PSC. I act as a tutor to struggling and excelling students alike. It is my role to support the student if they need help, or are lacking confidence in their coding.

CoderDojo

September 2017- December 2017

I have also been involved in CoderDojo, a program aimed to teach children age 6-16 the basics of coding and computer science concepts. This has provided a fantastic opportunity to bolster my coding ability while also improving my ability to communicate effectively and clearly.

Maynooth University Internship

For 10 weeks in the Summer of 2018 I held a role as an intern under Phil Maguire. The project was to design a cryptographic currency based off the ethereum ERC20 standard. This provided a quick secure and anonymous way for lecturers to distribute grades. The project was designed in the smart contract oriented language "Solidity", along with a small bit of HTML, and Javascript for a companion website allowing students to check their grades from any browser.

SKILLS

Java, Python, HTML, JS, GO
Group Management
Leadership/Communication
Organization/Productivity

AWARDS

Intel's IC3 Exam This award proves a level of proficiency with Windows systems and applications.

Games Society VP/Secretary
I am the current VP of one of the largest on campus Societies and currently sitting my second term.

Astrophysics Rep 2016-2019
I am the academic rep for the astrophysics students in Maynooth. I regularly meet with the physics department to raise issues relevant to the student body.

IEEE 24 Hour Coding Event

I participated in a team of 3 in the 2018 IEEE 24 coding hackathon. We placed top 10 teams in Ireland and top 25% in the world.

REFERENCES

PSC, Aidan Mooney — PSC Director

Phone: 01-708-3354

Email: aidan.mooney@mu.ie

Maynooth University, Phil Maguire — Internship Supervisor

Phone: 01-708-6082

Email: philmaguire@mu.ie/pmaguire@cs.nuim.ie

Physics Lecturers, Frank Mulligan - Physics Department Supervisor

Phone: 01-708-3746

Email: frank.muligan@mu.ie