

---

## Education:

### Primary/Secondary/Third Level

Maynooth University, Computational Thinking (BSc)  
Fordham University, Foreign Exchange  
Gaelcholáiste Cois Life, Lucan  
Gaelscoil Uí Riada, Kilcock  
Evergreen Academy, Beaverton, Portland, Oregon U.S.A  
Rock Creek Elementary, Hillsboro, Portland, Oregon U.S.A.

### Dates

2014-present  
2016-present  
2008-2014  
2000-2001,2003-2008  
2001-2002  
2002-2003

---

### BSc Computational Thinking:

A new degree course that has been designed to produce graduates who think more logically and analytically, with excellent problem solving skills. The accelerated degree consists of computer science, pure mathematics and philosophy. Topics include: Computer Science: *Data Structures & Algorithms 1&2, Operating systems, Software verification, Numerical computation*, Pure Mathematics: *Analysis, Linear algebra, Finite Mathematics, Complex Analysis, Multivariable Calculus*.

**2014: Leaving Certificate: (580 points) Top percentile in the country.**

- **Mathematics** (Higher): A1
- **Applied-Maths** (Higher): A1
- **Business** (Higher): A1
- **Physics** (Higher): A2

---

## Work Experience:

- **Feb'17 –Present Web Development Intern, Negotiatus, Manhattan New York**
  - Developing a chrome extension for an end to end purchasing solution company to automate processes and to increase efficiency when fulfilling orders.
  - Key Skills: JavaScript and Ruby on Rails
- **May'16 – Aug'16: Technical Marketing Engineer Intern, Intel Ireland Ltd**
  - Worked as a technical marketing engineer. My roles included software testing for new releases of Intel's software development stack ISSM. Other roles included demoing Intel prototypes, products and use-cases at exhibitions and conferences as well as expanding Intel's start-up ecosystem.
  - I also worked as part of a team that, using Intel's products, developed an award winning use case aimed at the sports market.
- **Jun'15 – Sept'15: Sort Production Analyst Intern, Intel Ireland Ltd**
  - Worked as Production Analyst in the Sort/Test department of Intel Ireland. Role involved learning production business, critically assessing what was required to ramp the business, developing decision support reports to enable us to hit high volume manufacturing.
  - Key components were strong data-mining skills, data visualisation, development of decision points from the data and automating manual tasks
  - Key skills; SQL (Oracle, SQL Server), SSRS (SQL Server Reporting System)

## **Skills:**

### **Work:**

- Programming Languages: Java, Python, beginner experience with C/C++/Ruby
- Web development: Front and back end, HTML, CSS, Javascript
- Development environments: Visual Studio, Eclipse, Blujay, ISSM, Processing
- Database Management: Entry level experience with MySQL. Data organisation, file systems; storage and access methods; conceptual modelling; relational database model; data structure; data integrity; data manipulation;
- Algorithms & Data Structures: recursion, sorting algorithms, Object oriented programming, encapsulation, Binary trees, hash tables, Algorithms strategies, etc.

### **Personal:**

- I am a good team-player and have been a member of a number of a successful rugby and hurling teams.
- I have good communication skills and can communicate with credibility and confidence. I have held various committee positions on college clubs and societies.
- I have the capability to organise community-level events and manage projects and teams from experience as Head boy at my school.

---

## **Achievements:**

- Recipient of NUIM Kildare Stem scholarship.
- Recipient of NUIM Entrance scholarship.
- Recipient of Intel Scholarship.
- Recipient of the NUIM Darré Exhibition prize for Mathematics.
- Recipient of Bronze level Gaisce (The President's Award).
- Participated in the International Maths Olympiad 2012-2014.
- All Ireland Medal for fresher's rugby 2015.
- Recipient of student of the year for five consecutive years, from 2010-2014
- I have won four Leinster medals in the 2010 and 2011 seasons while playing for North Kildare R.F.C.
- I was a spokesperson for NUIM at the International Particle Physics Masterclass organized by CERN.

---

## **Interests:**

In my spare time, I follow a range of sports, being most active in Rugby. I currently play for Fordham University's Rugby team. I also played for the Maynooth University and Barmhall R.F.C teams and was still involved with my old club, coaching the U8s team and running the club's youth Facebook page.

---

## **References:**

### **Aidan McDermott:**

**CEO-Riteview Solutions:**

Mobile: +35387-148-1894

Email: [amcdermott@riteview.ie](mailto:amcdermott@riteview.ie)

### **Brian Meehan:**

**Sort Automation Manager:**

Mobile: +353872868602

Email: [brian.d.meehan@intel.com](mailto:brian.d.meehan@intel.com)