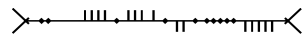


# Colm Cahalane

Software, etc.



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## Skills

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### Colm Cahalane

11 Fullers Road  
Cork, Ireland

+353 86 335 8920  
me@colm.cf  
<https://colm.cf>  
<https://github.com/colm2>

- Studied and practiced in depth workings of Java, PHP and MySQL in University, as well as general Computer Science principles, e.g. operating systems, algorithms, software engineering practices.
- Written and deployed code written in Go (within Google), ColdFusion (within Teamwork.com), PHP with Laravel (for college and personal projects) and JavaScript with Knockout.js and jQuery.
- Through work experience and Netsoc, gained experience with server administration (primarily on Debian-based Linux) and cloud platforms (AWS, GCP, DigitalOcean, Azure).

Outside of programming:

- Involved in projects involving design, management and journalism.
- Organised sponsorship and outreach for UCC Netsoc.

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## Experience

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### Google / Site Reliability Engineering Intern

MARCH 2016 - SEPTEMBER 2016, DUBLIN, IRELAND

Working on *Viceroy*<sup>1</sup>, delivering improvements to the release process of a tool commonly used throughout Google SRE. Software development in the Go programming language, training in SRE best practices and non-abstract large scale design.

### Teamwork.com / Technical Intern

JUNE 2014 - JANUARY 2016, CORK, IRELAND

Working on *Integrations & Imports*. Developing improvements to an import system that allows users to import their data from competitors into Teamwork Projects directly. Two summer internships and some part time work during semester.

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## Education

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### University College Cork / BSc Computer Science

SEPTEMBER 2013 - MAY 2017, CORK, IRELAND

Average results to date: 82.6% (First Class Honours).

98% - Algorithms & Non-Linear Data Structures

94% - Intro to Relational DB Systems

92% - Programming & Web Development (PHP, HTML\CSS, JS, MySQL)

90% - Team Software Project (all code @ <https://colm.cf/TeamSoftwareProject>)

89% - Logic Design

86% - Algorithms & Linear Data Structures (@

<https://colm.cf/2504Assignments>)

Awarded title of **College Scholar** on two occasions, qualified for a third.

**UCC Netsoc** / Chairperson (2016/17) & Finance Officer (2015/16)

**UCC Students Union** / Class Rep, CompSci Class of 2017 (2013-Present)

**Sharp on UCC 98.3FM** / Producer & Lead Host (2014-Present)

**Motley Magazine** / Designer, Columnist (2016/17) & Web Editor (2015/16)

/ Nominated, National Student Journalist of the Year (2016)

**Society of St. Vincent De Paul** / Maths Tutor (2013/14)

**UCC Philosophical Society** / Webmaster (2014/15)

**NativeNote** / CTO (2015)

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<sup>1</sup>The Viceroy project is documented in Beyer, Betsy et al. *Site Reliability Engineering*, print p. 433 - Case Study of Collaboration in SRE: Viceroy