

# FRANCIS LAWLOR

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## Experience

### Software Engineer

Guidewire Software      June 2018 - Present

Working within a team under Agile methodologies to deliver features to an established product. Activities in this role include creating new features, bug-fixing, code reviews, documentation composition, writing unit tests, writing smoke tests and presenting work to groups. Technologies utilised include Java, JUnit, Cucumber, Docker, git and Jenkins.

### Software Developer - Intern Undergraduate Associate

DELL      June 2017 - September 2017

Worked within a team of Software Developers and SDETs on maintaining and adding features to a large scale website.

Gained exposure to a variety of technologies pertinent to database management, testing, networks and version control, but worked mostly in C# and AngularJS.

### Software Developer - Intern

Insight Centre for Data Analytics      June 2016 - September 2016

Worked within a group of interns to develop a suite of personal sensing native Android applications. Presented work to researchers within the centre at the end of the summer and received positive feedback.

Responsibilities included UI development, database management, conceptualisation and implementation of development framework, unit testing and project management.

### Software Developer - Intern

Plezica Sensor Networks      December 2015 - January 2016

Worked as an intern within a small start-up to develop a prototype mobile application.

Utilised various web technologies including HTML, CSS, AngularJS, Leaflet, Forecast.io and Ionic.

### Undergraduate Teaching Assistant

University College Dublin      September 2016 - May 2018

Assisted in the teaching of several undergraduate Computer Science modules, covering material related to algorithmic problem solving, discrete mathematics, Java, Unix and introductory programming concepts.

## Education

BSc in Computer Science First Class Honours (1:1)

University College Dublin

Completed: May 2018

Leaving Certificate

Árdscoil na Tríonóide

Completed: 2013

## Publications

-Towards a Programmable Framework for Agent Game Playing

Available at: <https://arxiv.org/abs/1807.08545>

## Extracurricular Activities

-Co-founded Project Euler Club

for technical interview preparation

-Class Representative for approximately 100 students

-Presented show on UCD Radio Station

-Member of Mountaineering Club

## Achievements

-Obtained academic university scholarship - Based on Leaving Certificate results

-Presented with UCD Entrance Scholar Award - Based on Leaving Certificate results

-Presented with UCD Science Award for Academic Performance - Based on GPA

-Captained winning team at UCD Cyberlympics 2016

-Invited to present research at AAMAS' Adaptive Learning Agents Workshop 2018 in Stockholm

## Technical Skills

### Languages

Java

C

C++

Python

Ruby

R

JavaScript

HTML

CSS

MySQL

Matlab

### Other

Linux

Android

Cordova

Bash

JUnit

Git

Bootstrap

Docker

## Referees

**Brian Caulfield**

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