



**Trinity College Dublin**

Coláiste na Tríonóide, Baile Átha Cliath

The University of Dublin

# **Internships 2023 - 2024**

School of Computer Science and Statistics

Dr. Tim Savage - Internship Program Director, SCSS

Ms. Eimear Morhan – Internship Administrator, SCSS

Date 11/09/2022

# Purpose of the Internship Module

## Academic

- To further develop the student's understanding of how the design and theoretical aspects of computer science are applied to practical problems within a real-world context.

## Professional

- To gain relevant work experience. Build a professional network and build your reputation for performance.



# Internship Pathway & Eligibility

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You must be on the Masters (MCS/MAI) track to take an Internship

- Internship is mandatory for MCS students
- Internship is optional for MAI students

## Eligibility

**Students must have a minimum grade of II.1 at the first sitting of the Junior Sophister examinations**

# Is the Masters worth doing?

- MSc Computing is best Masters degree to improve job prospects
- Paid internships
  - Work with a good quality employer
  - Build a long-term career network
- How does an MSc / Internship impact on your career
  - Immediately more employable
  - Over 70% students surveyed said they had been offered or intended to return to company on graduation
  - More interesting / challenging work
  - Faster promotion

# The Big Picture (1)

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- Available to MCS and MAI students.
- You must actively sign up for the Masters.
- This is a great opportunity for you — make sure you maximise it.
- You represent us — Trinity College Dublin, SCSS & Engineering.
- You become an employee of your host for the duration of your internship.
- At the same time, you will be working to pursue your academic goals.
- Internship Window:
  - 5 - 8 Months, January 2023 – July/August 2023

# The Big Picture (2)

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- In Company
  - You have a company supervisor or mentor.
  - You do interesting & challenging work.
  - You have an academic liaison — a member of staff in SCSS.
- Academically the Internship is 30 ECTS (50% of the 4th year result)
  - 40% - Report 1: Goals, Reflective Journal, Project Management Report
  - 10% In-company Presentation
  - 50% Report 2: Design and Development Report

# Representing TCD



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- The internship is an integral part of your education at TCD.
- Our reputation is part of the reason you obtained the internship.
- Please make every effort to maintain and enhance that reputation for yourself and future interns.
- Make every effort to be a *useful* and *cooperative professional* .
- Bear in mind that the patterns of work and behaviour are very different between College and the workplace – example, time keeping!
- Remember you are TCD “ambassadors”.

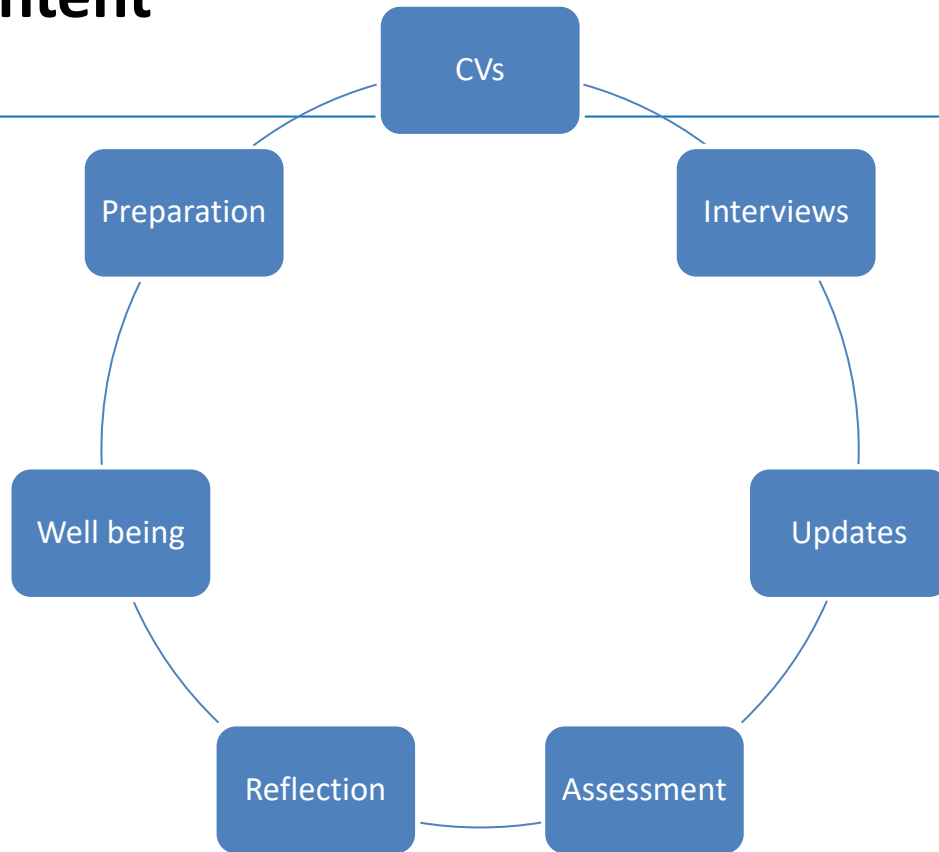
# Learning Outcomes

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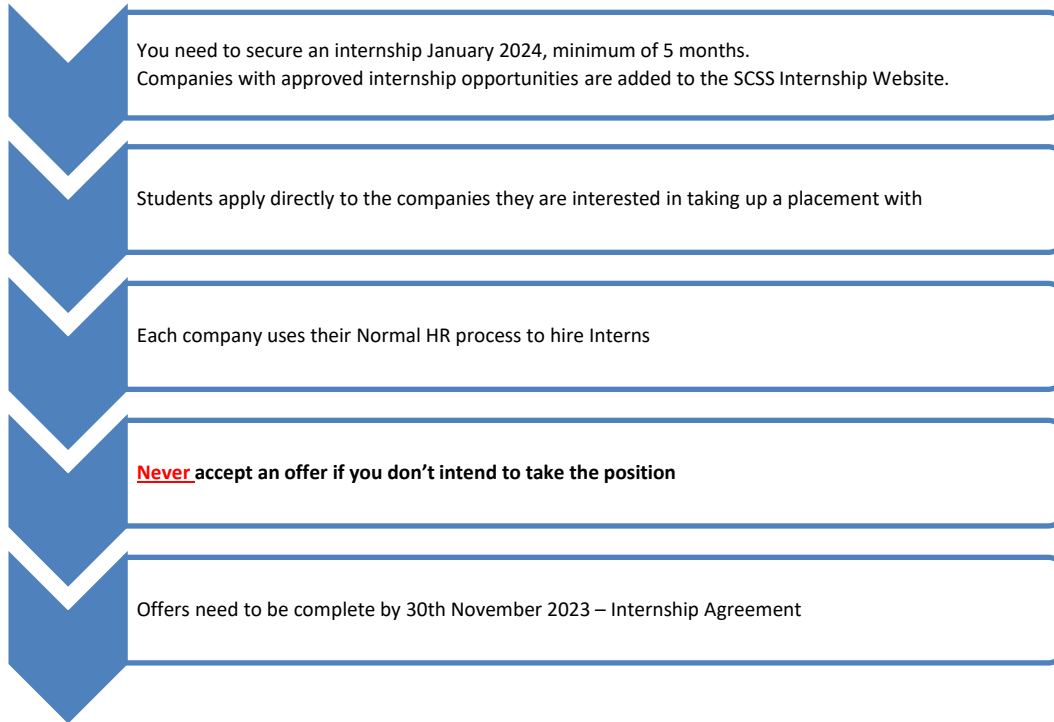
- **Contribute** to the design and development of systems at the forefront of computer science and critically evaluate their performance
- **Apply** theoretical knowledge in an industrial or research laboratory setting to solve real world problems
- **Practice and further develop skills** in communication, management and teamwork
- **Practice and further develop skills** in time management and reporting within an industrial or research laboratory setting
- **Contribute** to an ethical and professional work culture



# Lecture Content



# The Process

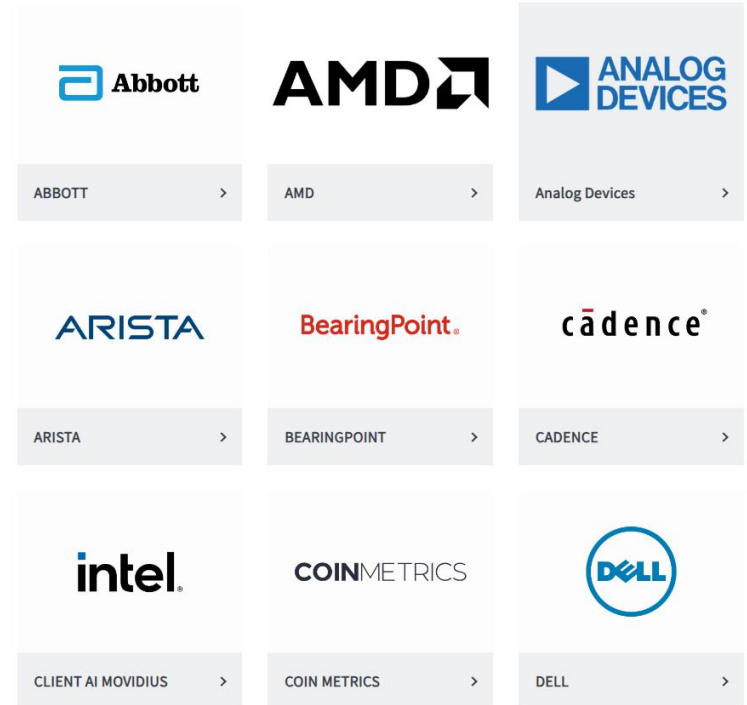


# SCSS Internship Website

<https://www.tcd.ie/scss/courses/undergraduate/internships-for-students/current-opportunities/>

- Your company not listed - get in touch!
- Students can start applying as soon as they are ready.
- Please don't apply for internships which you will not take.
- Once you've accepted an offer **never** rescind!
- Internship Handbook

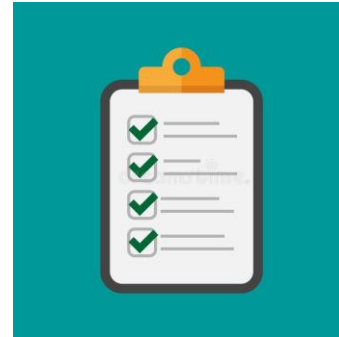
## Internship Opportunities 2023/2024



# Internship Sessions

Monday, 1pm – 2pm, LB01

- Sessions take place during Semester 1
- CV, cover letters, making applications
- Internship Speed Connect prep.
- Company updates
- Assessment details
- Company visits
- Practicalities – student agreements etc
- 'What to expect' guest speaker
- Looking after yourself on placement



# Internship Speed Connect

Monday 2nd October , 1.30 - 5.00pm

- In-person event
- Opportunity to meet with multiple companies in a fun, fast-paced format.
- Prior to event students will book into slots with up to 12 companies.
- Networking opportunities during break.
- Attendance is mandatory.



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## School of Computer Science & Statistics **INTERNSHIP** PROGRAMME

[tcd.ie/scss](https://tcd.ie/scss)

# What our 2023 interns have to say:

## Companies who hosted in 2023:

Arista	Intel	Shutterstock	<u>BearingPoint</u>
<u>Edgescan</u>	HubSpot	Rapid7	CoinMetrics
<u>Ericsson</u>	Lexis Nexis	<u>SIG (Susquehanna International Group)</u>	Finbourne
<u>Fathom</u>	Mastercard	<u>Workday</u>	Amazon
<u>Fresco</u>	Murex	Unity	Microsoft
<u>General Motors</u>	<u>Propylon</u>	<u>Xelda</u>	<u>Millennium</u>
<u>Guidewire</u>	<u>Travelport</u>	Adapt	PwC

# What our 2023 interns have to say:

1. Would you recommend your host company to another student?

**97%** Yes

2. Have you been offered a job with or do you intend to return to your internship company after graduation??

**71%** Yes



# Practicalities

## Blackboard

- Updates will be made via Announcements on Blackboard
- Slides and resources
- Internship Tri-Party Agreement

## Student handbook 2023-2024

- Practical details on making applications
- Assessment Guidelines
- Submission details

**Your Internship is not confirmed until Internship Agreement is complete.**

**It is your responsibility to return this to us signed by your company.**





# Next Steps

Month	Activity
September	<ul style="list-style-type: none"><li>• Do your company research</li><li>• Attend CV clinic</li><li>• Attend Speed Connect</li></ul>
October	<ul style="list-style-type: none"><li>• Finalise your applications</li><li>• Interviews</li></ul>
November	<ul style="list-style-type: none"><li>• Accept offer</li><li>• Return signed Internship Agreement</li></ul>
January (early)	<ul style="list-style-type: none"><li>• Start internship</li></ul>



# Keep in touch!

## Ms. Eimear Morhan

- Internships Administrator
- Internships@scss.tcd.ie

## Dr. Tim Savage

- Internship Programme Director
- Internships@scss.tcd.ie

**The internships email will reach both of us.**

**Do not hesitate to get in touch, if you have any questions or concerns.**





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**Best of luck!**

