

ANU Computing Internship Program

COMP3820, COMP4820, COMP8830

Information Session - S2 2024

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Australian
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University

Acknowledgement of Country



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Welcome



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An ANU Computing Internship is

A great opportunity (that we find for you)

An independent project (your project)

Work integrated learning

You are expected to

Make the most of it

Represent ANU

Be self-directed and proactive



Our Hosts



Example Projects



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- Democratise Deep Learning Through Algorithmic Optimisation (ML Research Labs)
- AI satellite data fusion for Earth monitoring (Haizea Analytics)
- National Parks e-Commerce (GoSource)
- Accent specific Text to Voice (Trellis)
- Red Team Cyber Puzzles (Penten)
- AI in COVID literature analysis (NCI)
- High risk terrorist offenders (Attorney General's Department)
- Large scale wind farm optimization (Windlab)
- Cloud gaming measurements and visualisation (XtremeCompute)
- Scalable Account Automation for Modern Sovereign Cloud (CyberCX)
- AI Classification and Large Language Models (Research Graph)
- Development of Capacity Expansion Model for Samoa (ITP Renewables)
- Analysing corporate sentiment in Australia (Mandala)
- Gatsby Full Stack Developer (Gatsby)



Support Network



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Academic

Course Convenor

Tutor

Host Organisation

Supervisor at your host organisation

Other colleagues

Mentors

Industry professionals to guide you



Key Activities

20 hours per week

- 15 hours work for host
- 5 hours associated work



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Working at host organisation

15 hours per week on-site (or remote/hybrid)

Academic workshops and Drop-Ins

Select weeks during semester from Week 2

Mentoring

3 Peer Circles with an industry mentor

Assessment

Project-based, professional practice



Activities Timeline (Example)

Professional: Placement, Mentoring
Academic: Workshops, Assessment



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| | |
|-----|---|
| 1 | Placements begin, Orientation |
| 2 | Workshop (Project Management) |
| 3 | Mentoring Circle, Workshop (SoW) |
| 4 | SoW (20%), Drop-In |
| 6/8 | Mentoring Circle |
| 9 | Workshop (P&P) |
| 10 | Poster & Pitch (20%), Drop-In |
| 11 | Workshop (WPP) |
| 12 | Placements end, Showcase Supervisor Report (20%), Workshop (R) |
| Ex | Work Portfolio Package (20%), Drop-In |
| Ex | Reflection (20%), Drop-In |



Modes

On-Site

On-site projects for students based in Canberra

Remote

Internships for hosts not in Canberra

Flexible

Hybrid/Remote options as needed

Flexibility based on changing situation

Needs of hosts/students



Eligibility



Undergraduate - COMP3820/4820

COMP3820: pre-reqs: COMP2100/2120, incomp: COMP3500

COMP4820: BAC (Honours) 4th year only,
pre-reqs: COMP2100/2120, 12u of 3000,
incomp: COMP4500/4550/4560/4810

Masters (MCOMP/MMLCV) - COMP8830

MCOMP: pre-reqs: COMP6442, COMP8260

MMLCV: pre-reqs: COMP6710/6730, COMP6250/8260

Incompatible: COMP8715/8755

General

12 units of space in one semester without overloading

Consider how it fits with plan/major/specialisation



Key Dates

S2 2024 Enrolment

July-October 2024
placement

Step 1: Eligibility and room in degree checks

Applications open - 20 March to 28 April 2024

Apply early, 10 business days to get results

Early applications will have more time for EOI

*BYO project students must do this also

Step 2: EOI and project nomination form

Host projects added - until 9 May 2024

Student applications open - 10-19 May 2024

Hosts interview students - 23 May-12 June 2024

Students accept offers - by 12 June 2024



How to Apply



Photo by [John Schnobrich](#) on [Unsplash](#)

1. Apply for Eligibility Check

Application form will be made available [here](#)

2. Apply for Preferred Projects

Projects will be advertised here:

<https://comp.anu.edu.au/study/projects/>

Application form will be emailed to students approved in Step 1.

3. Selection Process

Applications sent to hosts

Host organisation conduct interviews and make offers

Students accept offers

4. Contracts and Enrolment

CECC Student Employability arranges contracts and enrolment



How to Apply



Photo by [John Schnobrich](#) on [Unsplash](#)

Support for Developing Applications

ANU Career and Employability team offers 2 workshops for Computing Internship students.

Students will need to register to attend workshops, registration forms will be available [here](#) after the Information Session.

1. Resume and EOI Preparation Workshop

2:00pm – 3:30pm Tuesday 16th April

Register [here](#) after the Information Session

2. Interview Skills Training Workshop

2:00pm – 3:00pm Monday 20th May

Register [here](#) after the Information Session



FAQs



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Can I bring my own placement?

Yes! You must still apply for eligibility check and your host must submit a project proposal via the form [here](#), noting you as the student.

Will I get ongoing employment?

Maybe! Many students have secured further employment. You should discuss this with your host.

Are Internships paid?

Some projects are paid and some are unpaid. This information will be provided in project descriptions. We do our best to secure paid placements.

Can I change placements?

No. You should only accept a placement if you are willing to undertake it. Once you accept one of the placements we have secured, you are not able to change to another. You can only withdraw from the program.



THANK YOU

Questions?



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