

# NORBU CHOGYEL TOBGYEL

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## EDUCATION

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### University of Canberra

Bruce, ACT, Australia

*Bachelor of Engineering (Honours) | Major in Network and Software Engineering | GPA: 6.313 | WAM: 82.625 |*

*Completion Date: December 2025*

- **Relevant Coursework:** Coding, Computer Networks, Signal Processing, Project Development, Research, Data Analysis, Cybersecurity, Database Systems (SQL), Cloud Computing
- **Awards/Honors:**
  - Dean's Excellence (Maintained a GPA of 6.5 in Semester 2 of 2022, Semester 1 of 2023, Semester 1 of 2024, and Semester 2 of 2025)
  - Second Class Honours - Division II (Conferred 22 Jan 2026)

### Ugyen Academy

Punakha, Bhutan

*Grade 9-12 | School of Science | Grade 10 Weighting: 86.2% | Grade 12 Weighting: 84.4%*

*2016-2019*

- **Relevant Coursework:** English, Dzongkha, Biology, Chemistry, Physics, Mathematics
- **Awards/Honors:** Top National Ranking in Mathematics (Grade 10, 98%)

## WORK EXPERIENCE

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### Innovation Central Canberra

Bruce, ACT, Australia

*Software Engineer Intern*

*02/06/2025-08/08/2025*

- Developed a project focusing on automating report generation of device vulnerabilities and lifecycle data, in collaboration with Cisco and AlgoSec.
- Skills Acquired: Project Development, Planning, Delivery, Programming, Stakeholder Engagement, Team Communication, Organization
- **Awards and Honors:**
  - **Best Project Award** (of all ICC teams) for excellence in project planning and development
  - **AIIA (Australian Information Industry Association) – ACT Finalist** in the **Student** Category

### SK Education Consultancy and Firm

Thimphu, Bhutan

*Mentor*

*01/10/2021-21/10/2021*

- Mentored students who were taking their TOEFL Proficiency Exam via provision of strategies to approach questions
- Skills Acquired: Communication, Mentoring, Content Delivery, Lesson Planning, Presentation Skills, Active Listening

## LEADERSHIP EXPERIENCE, ACTIVITIES and PROJECTS

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### National STEM Olympiad

Thimphu, Bhutan

*Participant, School Representative (Ugyen Academy)*

*2018*

- Developed a prototype model of a drip irrigation system with the school team to improve the livelihood of rural people in Bhutan.
- Skills Acquired: Communication, Knowledge Enhancement in Agriculture, Prototype Delivery

### **Live Website For Tulip's Cafe**

**Canberra, ACT**

2026

- Designed and launched a responsive café website with online reservations, SEO optimisation, live domain deployment, and a user focused interface to improve customer accessibility and the business's online presence.

### **Integrated Web Vulnerability Scanner**

**University of Canberra (Honours Project)**

**Canberra, ACT**

2026

- Developed a Flask-based web vulnerability scanner integrating SQLMap and XSSStrike with NVD and Vulners intelligence, CVSS-based severity analysis, ML-assisted vulnerability prioritisation, interactive reporting, and centralised dashboard visualisation.

## **SKILLS & INTERESTS**

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**Technical Skills:** Python, HTML, CSS, Java

**Professional Skills:** Problem Solving, Organization, Communication, Time Management

**Interests:** Artificial Intelligence, Machine Learning, Cybersecurity, Software Engineering, Cloud Computing, Network Security, Automation, Data Analytics, Web Development