

# Tenzin Uden

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## EDUCATION

**Whitman College** - Walla Walla, Washington

Aug 2022- May 2026

- Bachelor of Arts in **Computer Science (CS) & Economics** **CGPA: 3.85**
- **Relevant Courses:** OOP, Algorithm Design and Analysis, Data Structures, Computer Systems Fundamentals (Computer Architecture), Intro to Cybersecurity, Computational Problem Solving, Data Science

**University of Melbourne** - Melbourne, Australia

Jul 2024 - Nov 2024

**Achievements :** UWC Davis Dare to Dream Scholarship, Whitman ACM Hackathon Winner'24

## SKILLS

### Technical Skills:

- Python (functions, numpy, pandas, matplotlib, Jupyter Notebook), SQL, NoSQL, ETL processes, data visualization, cryptography inventory, network protocols, REST APIs, Operating Systems (Linux, Windows CLI), shell scripting, Windows PowerShell, virtual machines, WSL, Mosh, TMUX, Java, OOP, Assembly (Hack machine language), Haskell, JavaScript, Node.js, Go (unit testing), and deep learning (data augmentation, AI/ML model training), React, Agile, Scrum

### Development Tools:

- Git, GitHub (rebasing, pull requests, merging), Jenkins, Docker, Ducktape, Docker, Kubernetes, BuildWeb, JIRA, Confluence, Microsoft Office Suite, Google Workspace Suites

## WORK EXPERIENCE

**Dell Technologies, MA, USA**

Software Engineering Intern

May 2025- Aug 2025

- Developed Python-based automation to perform cryptographic inventory on PowerScale OneFS components that provide network services.
- Streamlined cryptographic inventory reporting by programmatically enumerating supported cryptographic algorithms in a structured, audit-compliant format.

**HiddenLayer, TX, USA**

Remote Software Engineering Intern

May 2024- Jul 2024

- **Increasing code coverage from 55% to 65%** with **unit** and **integration testing** in Go, contributing to increasing development team efficiency and system resilience.
- Cultivated expertise in **backend** development by **implementing GitHub best practices** and removing unused dependencies to impair the readability of the code.

**Kirirom Institute Of Technology, Kirirom, Cambodia**

Software Intern & Code Camp Facilitator

Apr 2023 - Aug 2023

- Facilitated and taught more than **10** students, Python skills, logic building, syntax, and fundamentals of computer science using different platforms, including Visual Studios Code and Spyder, and the passing rate was over **90%**.
- Led students in crafting **5** introductory Python game projects, leveraging **Tkinter**, **OOP**, by delivering comprehensive step-by-step guidance on code structure and algorithmic logic, enhancing understanding and practical application skills.

## PROJECTS

**Druk Holdings & Investments, Thimphu, Bhutan**

Data Analyst Intern

Aug 2023 - Aug 2023

- Co-developed an AI model using YOLOv5 and Roboflow to annotate vehicle and pedestrian movements on the Capital City Highway from more than 3000 traffic data.
- Identify movements along the highway to regulate traffic in collaboration with the Royal Transport Authority of Bhutan, achieving an excellent precision rate of **87%**.

## LEADERSHIP ACTIVITIES

**Associated Student of Whitman College, WA, USA**

Finance Committee Member

Jan 2024 - May 2024

- Co-led the management of an **\$800,000** budget, overseeing student fees, finance requests, and ensuring fiscal responsibility across the organization.
- Introduced a mid-year review system to improve budget allocations for clubs, boosting financial support and transparency for a student body of **1,500**.