Tenzin Uden

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EDUCATION

Whitman College, Walla Walla, USA

Graduation: May 2026

Bachelor of Arts in **Computer Science** (CS) & **Economics**

Cumulative GPA: **3.85**

University of Melbourne

Jul 2024 - Nov 2024

Relevant Courses: OOP, Algorithm Design and Analysis, Data Structures, Computer Systems Fundamentals (Computer Architecture), Intro to Cybersecurity, Computational Problem Solving, Data Science

SKILLS

Technical:

- **Python** (functions, Jupyter Notebook, numpy, pandas, matplotlib, etc), **SQL**, **ETL**, data-visualization, **Cryptography Inventory,** network protocols, REST APIs
- **Operating systems, Linux**, CLI: shell, terminal, and Windows PowerShell, Virtual Machine, WSL, Mosh, TMUX
- **Java**, OOP, **HTML**, Assembly: Hack machine language, and experience with Haskell and Javascript, **Go:** unit testing**, Github:** rebasing, pull request, and merging**, Deep Learning:** Data Augmentation, AI/ML model training
- JIRA, Confluence, MS Suites, Google Suites

Languages: Dzongkha, English, Japanese, Hindi, Nepali

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.

Druk Holdings & Investments, Thimphu, Bhutan

AI/ML 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%**.

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.

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**.