

TRANG VU

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Education

Dickinson College

Sep. 2020 – Dec 2024

Bachelor of Science in Computer Science and Economics

Carlisle, PA

Relevant Coursework

- Data Structures
- Computing Abstraction
- Computability Complexity
- Database Systems Management

Experience

Dickinson College

May 2023 – Present

Project Sustainability Intern

Carlisle

- Conducted a thorough assessment of 20 campus vending machines, leading to the removal of inefficient units and the introduction of healthier options. Established collaborations with campus departments and local vendors to enhance sustainable food and drink choices, resulting in significant cost savings and reduced energy consumption.
- Analyzed responses from 300 students across all class years to evaluate sustainability course effectiveness, utilizing advanced statistical analysis and data visualization to guide curriculum adjustments.
- Coordinating the relocation and setup of cloth and book exchange space, integrating NFC technology for efficient check-in, and developing a user-friendly website to enhance accessibility and engagement.

FPT Software

July 2022 – September 2023

Software Developer Intern

Hanoi, Vietnam

- Demonstrated proficiency in Java, MySQL, JDBC, Spring framework, and Hibernate by comprehensively learning and presenting code examples within a month.
- Acquired project development skills, including ideation, design documentation creation, and collaborative problem-solving within a team setting.
- Contributed as a team member on two real-world projects, specifically focused on Parking Management, collaborating effectively with a group of four individuals to achieve project goals.

Dickinson College

August 2022 – December 2022

Musician Technician Intern

Carlisle, PA

- Orchestrated the meticulous setup of stages, lighting, and condenser microphones for 15 high-profile recordings, concerts, and orchestral performances.
- Proficiently utilized Adobe Premiere Pro to edit music videos, concerts, and orchestra recordings in accordance with the specific requirements and preferences of professors and faculty.
- Applied expertise in Avid Pro Tools to skillfully mix classical music, contributing to the production of high-quality audio content.

International Organization for Migration

October 2020 – December 2020

Public Affairs and Media Intern

Ho Chi Minh city, Vietnam

- Spearheaded the organization of the "Global Migration Film Festival," ensuring its success with an attendance of over 100 participants
- Collaborated seamlessly with esteemed panelists, renowned artists, and journalists, demonstrating effective communication and coordination skills in the planning and execution of the event.

G.A.P Institute

August 2020 – November 2020

Business Development and Marketing Intern

Carlisle, PA

- Conducted a thorough monthly analysis of Facebook insights, leveraging data-driven insights to formulate strategic marketing plans. Produced compelling content for G.A.P Institute across various social media platforms, resulting in a substantial increase of over 1500 followers within a three-month period.
- Orchestrated the seamless execution of three courses and two workshops in Ho Chi Minh City and Hanoi, providing customer service to a combined audience of 300 attendees.
- Analyzed and created "Social Change Model of Leadership" course for 30 students in Fulbright University.

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL, RStudio.

Developer Tools: VS Code, Eclipse, Replit.

Technologies/Frameworks: Linux, Vue, GitHub, JUnit, WordPress.

Leadership / Extracurricular

Math&CS Club

August 2023 – Present

Vice President

Dickinson College

- Engaged in comprehensive event coordination by contributing creative concepts for diverse themes and actively assisting in the planning and execution of events.
- Co-managed social media platforms, fostering online engagement, and demonstrated graphic design skills by creating visually appealing content.
- Facilitated effective communication with guest speakers, managed club email communications, and coordinated logistics for seamless event operations.

Department of Public Safety

October 2021 – Present

Lead Community Service Aid

Dickinson College

- Contribute to the development and implementation of the CSA program by collaborating with DPS to define daily responsibilities and duties. Play an integral role in the recruitment and selection of student CSAs.
- Perform safety escorts on campus, assist at DPS community events, and actively contribute to the training of CSA personnel.
- Take charge of scheduling CSAs and conduct routine security checks of college grounds and buildings.

Vietnamese Student Association

August 2021 – May 2023

Treasure

Dickinson College

- Efficiently manage the inflow and outflow of the club's finances by creating comprehensive annual budgets and accurately estimating funds required for each project.
- Spearhead fundraising initiatives to secure necessary funds for hosting and maintaining successful club events, ensuring the seamless execution of diverse projects.