Vicky Lee

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EDUCATION

Bachelor of Science in **Computer Science**   Expected May 2025
Iowa State University, Ames, IA   **GPA:** 3.88/4.0
Classes Taken: (All COMS)

    [Linux Operating System Essentials, **Software Development Practices**
      Introduction to the Design and Analysis of Algorithms, **Construction of User Interfaces**,
      Introduction to Computer Architecture and Machine-Level Programming,
      Advanced Programming Techniques, **Theory of Computing]**

Currently Taking: (All COMS)

    [Principles of Programming Languages, Applied Formal Methods, Principles of Artificial Intelligence]

PROJECTS AND SKILLS

Animation Image Reader - takes in .bmp files in a folder and displays them in the terminal as an animation (**C++**).
[COM S 309: Software Development Practices]: Pet Adoption App -
- Developed and maintained backend using **Java**, **SpringBoot**, and **MySQL**
- Learned about **Database management**, **WebAPI design**, and **coverage testing;** also how to communicate effectively within a team

Languages: Java, Python, C#, Microsoft SQL, HTML, CSS, C++, JavaScript, React

WORK EXPERIENCE

Iowa State University- Dependable Data Driven Discovery Undergrad Researcher   2024 August - *present*
- Read relevant research papers regarding **AI**
- Utilize a **Conda terminal to run a llm** that goes through **HuggingFace** and runs a dataset on llama 3-8B
- Analyze populated data in accordance to our specifications

Iowa State University- AVXT Student Tech   2024 January - *present*
- Constructs and maintains events
- Assuring ceremonies and conferences run on schedule
- Operates **SDK** and **PTZ cameras**

Iowa Department of Transportation- AAMVA IT Intern   2023 January - 2023 December
- Wrote **stored procedures** and maintained statewide **databases with Microsoft SQL**
- Built Winform applications using **C#** and linked them with national databases
- Tested and **debugged applications** to ensure optimal performance
- Experimented with **.NET frameworks**, **RESTful API**, and **HTTP protocols**

LEADERSHIP & INVOLVEMENT and AWARDS

Student Advisory Council of Computer Science   2024 (*present*)
- In charge of **planning** and **organizing** the Computer Science Town Hall and advising students

Professor Research   2024 (*present*)
- Sitting in on **research meetings** concerning **theory of computation** adjacent subjects

Iowa State Dean's List   2022 - 2024
- Students who have at least 12-credit hours of graded courses with a 3.50 GPA or above for the semester.

Computer Science & Software Engineering Club = (previous University Liaison) =   2021
- Network with high performing students and company representatives