Vicky Lee

Email: vlee10101@gmail.com
Website: https://vlee101.github.io/   Linkedin: https://www.linkedin.com/in/vickylee101/

EDUCATION

Bachelor of Science in **Computer Science**   Expected May 2025
Iowa State University, Ames, IA   **GPA:** 3.89/4.0
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, Principles of Programming Languages,
> Applied Formal Methods, Principles of Artificial Intelligence]

PROJECTS AND SKILLS

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

Pokemon Game- semester long rouge-like game made with **C** and **C++**.

WORK EXPERIENCE

Dependable Data Driven Discovery Undergrad Researcher (Iowa State University)   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 3.2-1B
- Analyze populated data in accordance to our specifications

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

AAMVA IT Intern (Iowa Department of Transportation)   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**
- **Technical documentations** for setting up code checkups

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, 2023, 2024
- Students who have at least 12-credit hours of graded courses with a 3.50 GPA or above for the semester.