# KEVIN VAN

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## Education

**California State University of Long Beach**                                                    **Jan. 2024 – In Progress**
*Bachelor of Science in Computer Science*                                                          *Long Beach, California*
GPA: 3.462

## Technical Skills

**Languages**: Python, Java, C++, HTML, CSS, JavaScript
**Developer Tools**: VS Code, Vim, Git
**Technologies/Frameworks**: Linux, GitHub

## Relevant Coursework

- Data Structures
- Algorithms
- System Programming
- Computer Architecture
- Discrete Structures
- Object Oriented Dev.

## Experience

**Cerritos Chinese School**                                                               **January 2019 – Febuary 2020**
*Traffic Control/Security*                                                                               *Cerritos, California*

- Directed vehicular flow into parking areas, ensuring efficient use of space and minimizing congestion by guiding drivers with clear hand signals and verbal instructions.
- Patrolled school premises to ensure all doors were unlocked before the start of the school day and securely locked afterward; conducted regular checks for any left-behind items, promptly delivering them to the lost and found.

## Projects

**Dragon Trainer Game** | *Python*                                                                       **Febuary 2024**

- Created a console-based game with an object-oriented approach, incorporating classes for Entity, Hero, and various dragon types, each with unique attributes and attack methods.
- Implemented attack mechanics with random damage calculations for the hero's sword and arrow attacks, as well as special abilities for dragons, including fire and swoop attacks.
- Developed a main game loop with interactive user prompts for dragon selection and attack choices, featuring robust input validation and dynamic game state updates.

**Encrypt and Decrypt Messages** | *Python*                                                                **March 2024**

- Developed a console-based encryption program featuring abstract classes and inheritance to support multiple encryption methods, including Atbash and Caesar ciphers.
- Implemented functionality to read and write encrypted messages to and from text files, ensuring secure storage and retrieval of information.
- Designed user prompts for interactive message input and output, allowing users to choose encryption/decryption methods and view results directly on the console.
- Ensured robust program structure through the use of abstract classes and inheritance, facilitating extensibility and code reuse for additional encryption methods.

**Personal Portfolio Website** | *HTML, CSS, JavaScript*                                                     **July 2024**

- Designed and developed a responsive website portfolio using HTML, CSS, and JavaScript, ensuring compatibility across various screen sizes.
- Implemented a dynamic hamburger menu for improved navigation on mobile and tablet devices, enhancing user experience and site accessibility.
- Utilized modern web design techniques to create a visually appealing and functional portfolio showcasing projects and skills.