Andrew Eppich

Andrew Eppich
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Portfolio: https://andreweppich.github.io/
LinkedIn: www.linkedin.com/in/andrew-eppich-517229292
Projects: https://github.com/AndrewEppich/Coding-Projects

Skills

C++, Java, Python, Data Structures, Algorithms, HTML, CSS, Math, Object Oriented Programming, Git, Visual Studio IDE, Docker, Linux, UNIX, Collaboration

Experience

- Created a tree based student and faculty database in C++ capable of checking and rebalancing 10,000 nodes of data. I created the tree from scratch which is capable of adding, removing, searching, deleting, and switching advisor numbers of students and faculty.

- Created a card game "ERS" in Java with a self shuffling deck of cards and a simple AI player that would look for certain combinations to slap the deck and take the cards.

- Created a "Robber Language" translator in C++ that utilized a file processor to read a .txt file then write the translation to another .txt file

- Created a stack based program in C++ that determined where to place people based on their height so everyone can see the speaker. I created the stack from scratch capable of resizing when full.

- Created a combat game in Python where the user selects a class and an opponent. The game uses a random number generator to determine if the enemy will attack or defend. The game continues until either the player or the opponent has 0 health.

Relevant Coursework

- Python Programming
- Java Programming
- C++ Programming
- Data Structures and Algorithms
- Single Variable Calculus
- Multivariable Calculus
- Discrete Mathematics
- Leadership

Upcoming Coursework
- Software Design
- Software Requirements and Testing
- Programming Languages
- Operating Systems
- Linear Algebra
- Engineering

Education

Chapman University, Orange, CA: (*08/2022 - 05/2026(expected)*)

- Software Engineering Major, Business Minor