

Kevin Yang

keya5541@colorado.edu | (719) 321-3206 | keyaa.github.io | github.com/keyaa

Personal Profile

- Second-year computer science student offering willingness to learn quickly and contribute to a project.

Education

- University of Colorado Boulder (May 2020)
Bachelor of Science degree in Computer Science, Minor in Information Science
Cumulative GPA: 3.839, Credit-Hours: 86.7
- Air Academy High School (2012 – 2016) - achieved Summa Cum Laude
Final GPA: 3.83, 4.65 (weighted), ACT Composite score: 36, Principal's Scholar (Honor Roll) 4 years, National Honor Society member

Technical Skills

- C/C++ (SFML, SDL 2), HTML/CSS, Javascript (jQuery), PHP, SQL, Python (+Jupyter Notebooks, Java, Bash Scripting, x86 Assembly, Rust)
- Git/Github, Filezilla, Windows/macOS/Linux (Ubuntu), Vim, Visual Studio, Microsoft Office, Adobe Software

Experience

- University of East-West Medicine (Internship) June 2017 – July 2017
 - Graphic Design: Brochures, Flyers, Newspaper Ads/Coupons (Adobe Photoshop/Illustrator)
 - Website Development: Update information, Add new menus/layouts, Event photos (Filezilla, Adobe Dreamweaver, HTML/CSS, Javascript, PHP)
- osu-stream-practice (Project)
 - Practice tool for rhythm game osu!
 - Detects keyboard and mouse input, uses adjustable metronome (HTML, Javascript, jQuery)
- tic-tac-toe (Project)
 - Classic Tic Tac Toe game
 - Prototype made in C++ with SDL, then implementation of HTML/Javascript version
 - 2 player mode and vs. A.I. (Minimax algorithm with backtracking for perfect play)
- gank bot (Project)
 - Discord text/voice python music/reddit python bot
 - Made with Discord.py library
 - RSS feeds, Youtube videos, sound effects functionality
- Data Structures Course Assistant (Job) Jan 2018 – May 2018
 - Thorough knowledge of various data structures (linked lists, queues, stacks, binary/red-black trees, hash tables, graphs: Dijkstra's algorithm) required, implementation in C++
 - Tutoring students in order to help them think and work through various problems
 - Office hours held weekly (10 hrs per week) to answer questions

Leadership/Activities

- Organizer for HackCU (2016 – Present)
- Organizer for Startups2Students (2016 – Present)
- Member of CU Computer Forge (2016 – Present)
- Member of CU Ethical Hacking (2016 – Present)

- Member of CU eSports Club (2016 – Present)

Volunteering

- Elementary School Chess Club (7 years)
- Hospital (3 years)
- Tutoring (2 years)
- UCCS Technology Fair (3 years)

Languages

- French, Chinese, English