William Kim

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OBJECTIVE

Dedicated to the continuous growth of knowledge in computer science to code software that will reduce business inefficiencies.

EDUCATION

Washington University in St. Louis   May 2024
- ○ Bachelor of Science in Computer Science
- ○ Cumulative GPA: 3.94
- ○ Dean's List Recipient   Fall 2020 - Present

Relevant Courses: Intro to Computer Science, Data Structures and Algorithms, Discrete Math, Intro to Computer Engineering, Web Development, and Rapid Prototype Development.

EXPERIENCE

Introduction to Computer Science, Teacher's Assistant   Jan 2021 - May 2021
- ○ Coordinated with the professor to assist students with homework assignments
    - ○ Taught the fundamentals of code and Java
    - ○ Held office hours to demonstrate the assignments
- ○ Led weekly sessions with a group of students to help code solutions to problem scenarios
- ○ Developed back-end programming software for students to further develop computer science principles

Computer Science Tutor   Sept 2020 - Aug 2021
- ○ Taught students aging from middle school to college Introduction to Computer Science and Data Structures and Algorithms with a strong emphasis on the conceptual and application aspects of CS
- ○ Curated and aggregated self-created presentations, coding questions, and projects to reinforce and emphasize fundamentals and to encourage creative problem solving

Art & Frame Warehouse, Assistant Manager   Jan 2018 - June 2020
- ○ Developed custom picture frames, took orders, and delivered art to customers in the midwest area
- ○ Gained valuable customer service skills by interacting with clients both in person and by phone
- ○ Learned the inner-workings of a successful small-business

TECHNICAL PROJECTS

Epic Seven Equipment Optimizer (Java)   July 2021 - Present

Designed and developed a program for Epic Seven players that optimizes the best combinations of equipment for each specific hero. Every hero is individually coded with differing statistics. An algorithm was also created to calculate "gear score" which assigns a numerical value based on the quality of the gear statistics.

Website Development (HTML and CSS)   Sept 2021 - Present

Created a website that highlights my personal life and projects without the help of software like Wix and SquareSpace. Used HTML as the base and styled it with CSS. Learned the front-end aspect of coding and became more comfortable with HTML and CSS through this personal project.

SKILLS/INTERESTS

Skills: Python, C++, Java, HTML, CSS, Git, Documentation, Web Development, Microsoft Office
Interests: Content Creator (*Youtube- BossyBear*), Learning New Languages *(Python, Javascript)*, Reading Fantasy Fiction Books, Playing and Watching Sports *(Football, Basketball, Tennis)*, Playing Video Games (*Epic Seven, Osu!, Super Smash Bros. Ultimate)*,