Kim Tien Vu

Computer Scientist

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Education

University of California; San Diego
B.S. in Computer Science (July 2021)
09/2018 - Present   3.3 GPA
Relevant Coursework:

Software Engineering, Command Line Linux, Object-Oriented Programming, Algorithm Design, Shell Scripting, Data Structures, Assembly Language, Online Database Analytics Applications, Computer Architecture, Computer Vision, HCI, Calculus, Discrete Mathematics, Cryptography, and Operating Systems.

Experience

Software Engineer Intern - Nuevo Foundation
06/2020 - 09/2020
- Collaborated in a team of 2 members to gamify an introduction to SQL command workshop.
- Worked with Microsoft engineers to provide content to underrepresented students.
- Created all artwork for the SQL workshop.

VR Research Intern - UCSD & Qualcomm Institute
09/2019 - 03/2020
- Coordinated in a team of 3 members to present research to a group of undergraduate students and Qualcomm staff.
- Collaborated and programmed a virtual reality experience that helps dispel anxiety and calms the user before sleep using Oculus Rift and Unity.
- Acquire skills in conducting research and composing academic papers.

Technical Skills

Languages:
Proficient: Java, Python, Javascript, HTML, CSS, SQL
Familiar: PHP, Perl, C, C++

Tools:
MS Visual Studio, JUnit Testing, VIM, Command Line Linux, Github, Hugo Markdown, Docker, Unity

Written Communication and Presentation:
Google Docs/Microsoft Word, Powerpoint, Excel, Digital Rhetoric and Design

Soft Skills

Experimentation, Problem-Solving, Communication, Teamwork, Detail-Oriented, Time Management, Organization, Curiosity

Projects

SQL Workshop, Nuevo Foundation, 2020:
Workshop to teach basic SQL commands to grades (6-12). I designed the artwork and dynamic functionality of mini-games using javascript, HTML, CSS, and markdown.

HPMP3 Website, HPMP3, 2020:
Designed a website to connect pre-med students to clinical health mentors. I created the content for the Mentors, Mentees, and Contact Us pages.

Interests

Human-Computer Interaction, Front End Development, Quality Assurance, Machine Learning, IoT