

Kim Tien Vu

Computer Scientist

San Diego, CA | (541) 497-0745 | kimtienvu01@gmail.com | linkedin.com/in/kim-tien-vu | github.com/kimtienvu

EDUCATION

University of California; San Diego

Bachelor's in Computer Science (June 2022)

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, Database System Principles, Computer Architecture, Computer Vision, UI Design, Calculus, Discrete Mathematics, and Probability and Statistics.

EXPERIENCE

Nuevo Foundation - Software Engineer Intern

06/2020 - 09/2020

Achievements/Tasks:

- 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.
- 91% of students believe they are able to learn new coding concepts in the 2-hour workshops.

UCSD & Qualcomm Institute - Research Intern

09/2019 - 03/2020

Achievements/Tasks:

- 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.

VOLUNTEER WORK

UCSD JUMP Program - Undergraduate Mentor

09/2018 - Present

Achievements/Tasks:

- Advise and Assist incoming computer science students from underrepresented areas transition to university culture and curriculum.

MLH HackXX Hackathon - Experience Committee Lead

01/2020 - 03/2020

Achievements/Tasks:

- In charge of leading a team of 4 members to connect to sponsors and vendors to get merchandise for participants.
- Coordinated with team members to plan and design hackathon mini-events.

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:

Proficient in 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.

CERTIFICATES

AT&T Externship Program (2020):

Gain skills in project and time management.

Teaching Computational Thinking For Everyone (2020):

Gain skills to teach Fundamental Coding and Computational Thinking Pedagogies.

Art, Technology, Design, & Innovation Program (2019):

Gain skills in digital literacy, develop strategies to solve civic and social problems.

iLead Program (2019):

Work effectively in diverse groups to formulate ideas and present them.

INTERESTS

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