

Khoa Nguyen

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EDUCATION

University of California, Irvine

Bachelor of Science in Computer Science

Graduation Date: December 2019

Irvine, CA

August 2017 – Present

De Anza College

Major in Computer Information Science

Cupertino, CA

August 2014 – May 2017

EXPERIENCE

Artificial Intelligence at UCI

Webmaster/Co-Historian (aiclub.ics.uci.edu)

Irvine, CA

Jan. 2018 – Present

- Significantly expanded club's reputation by developing a professional website for community outreach and gained over 450 sign-ups for club's newsletter.
- Increased club's popularity and member's involvement by documenting club's weekly activity on YouTube, Facebook, and club's website.

Vietnamese Eucharistic Youth Movement (VEYM)

Webmaster/Youth Leader (vsl-tntt.org)

San Jose, CA

Jul. 2016 – Present

- Led a website development project with a youth leader to successfully increase communications between parents and the organization by 20%.
- Aid fellow youth leaders to plan and facilitate weekly lessons and annual events for more than 50 youths.

Hello World! Code Squad Club

President

De Anza College, CA

Aug. 2015 – Jun. 2017

- Engaged members with weekly coding challenges while maintaining their interest in the subject.
- Achieved high recognition for the club from professors and students by organizing an extensive coding challenge event.

De Anza Information and Computer Science Lab

Lab Assistant

De Anza College, CA

Aug. 2015 – Jun. 2017

- Patiently resolved knowledge deficiencies that students have in C++, Java, and data structures.
- Diligently debugged students' complex code while guiding them to follow adequate coding practices.

PROJECTS

Vinh Son Liem VEYM's Website (HTML, CSS, JavaScript)

- Designed and developed a user-friendly website for users to find important information and announcements.
- Created a database using JavaScript for users to search and find educational resources.

notNetflix Website (Tomcat, Java Servlet, JavaScript, jQuery, AJAX, MySQL, AWS EC2)

- Developed an e-commerce website that finds and sells movies.
- Utilized Java Servlet, MySQL, and AWS EC2 to safely store and retrieve movies and customers' info from database.
- Implemented load balancing technique to ensure rapid client-server communications and avoid overload resource.

Simple Search Engine (Bootstrap 4, Python, Flask)

- Built a search engine Google-like that finds and displays websites which contain user's search queries.
- Applied term frequency-inverse document frequency (tf-idf) algorithm in Python to accurately rank websites.
- Utilized Flask framework and Bootstrap 4 for UI.

TECHICAL SKILLS

Development: C++, C, Python, Java, HTML, CSS, MySQL, Flask, Bootstrap.

Tools: Visual Studio, git, Adobe Photoshop, Lightroom, Illustrator.