

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 developed a professional website for community outreach.
- Increased club's popularity and member's attendance by document 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

- Spearheaded a website development project with a youth leader to successfully bridge communications between parents and the organization.
- Aided fellow youth leaders to plan and facilitate weekly lessons and annual events.

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 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.