

Khoa Nguyen

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EDUCATION

University of California, Irvine

Bachelor of Science in Computer Science
Graduation Date: May 2020

Irvine, CA

August 2017 – Present
GPA: 3.41

De Anza College

Major in Computer Information Science

Cupertino, CA

August 2014 – May 2017

TECHICAL SKILLS

Development: (Proficient) C/C++, (Proficient) Python, Java, HTML, CSS, MySQL, Flask, Bootstrap.

Tools: Visual Studio, git, AWS EC2, Adobe Photoshop (Proficient), Lightroom (Proficient), Illustrator.

Flickr Portfolio: <https://www.flickr.com/people/henrykhoanguyen/>

PROJECTS

notNetflix Website (JavaScript, jQuery, AJAX, MySQL, AWS EC2)

- Developed an e-commerce website that allows users to search and buy movies.
- Integrated MySQL database to store and retrieve movies and customers' information.
- Implemented load balancing technique to ensure rapid client-server communications and avoid overload resource.

Simple Search Engine (Python, Bootstrap 4, Flask)

- Created a search engine Google-like that ranks and displays websites.
- Applied TF-IDF algorithm (term frequency-inverse document frequency) in Python to rank websites.
- Utilized Flask and Bootstrap 4 to build front end.

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

- Developed a static user-friendly website to post information and announcements.

EXPERIENCE

De Anza Information and Computer Science Lab

Lab Assistant/TA

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.

Artificial Intelligence at UCI

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

Irvine, CA

Jan. 2018 – Jan. 2019

- Developing a professional website for community outreach and gained over 450 sign-ups for club's newsletter.
- Increased club's reputation 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 increase communications between parents and the organization.
- Aid fellow youth leaders in planning and facilitate weekly lessons and annual events for more than 50 youths.