

Khoa Nguyen

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EDUCATION

University of California, Irvine

Bachelor of Science in Computer Science
Graduation Date: Mar. 2020

De Anza College

Major in Computer Information Science

Irvine, CA

August 2017 – Present

GPA: 3.26

Cupertino, CA

August 2014 – May 2017

TECHICAL SKILLS

Backend: C/C++, Python, Java, MySQL, JavaScript, Node.js, Express.

Frameworks: React, Bootstrap, Angular.

Tools: Visual Studio, git, AWS EC2, Android Studio, PyCharm.

PROJECTS

German Football (*Node.js, Express, Angular, MongoDB*)

- Developed football data website that allows users to track their beloved team performance.

notNetflix Movie 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.

not_facebook Social Media Site (*Node.js, Express.js, React.js, Bootstrap, MongoDB*)

- Developed a twitter like social media website using node, express, and react.js.
- Integrated MongoDB as database to store and modify data of users.

EXPERIENCES

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.

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.

De Anza Information and Computer Science Lab

Lab Assistant/TA

De Anza College, CA

Aug. 2015 – Jun. 2017

- Resolved knowledge deficiencies that students have in C++, Java, and data structures.
- Debugged students' programming homework while help them to follow adequate coding practices.