**Khoa Nguyen**

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**EDUCATION**

**University of California, Irvine Irvine, CA**

Bachelor of Science in Computer Science *August 2017 – Present*

Graduation Date: Mar. 2020 GPA: 3.26

**De Anza College Cupertino, CA**

Major in Computer Information Science *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)* -** [**https://german-futball.herokuapp.com/**](https://german-futball.herokuapp.com/)

* 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) San Jose, CA**

*Webmaster/Youth Leader (vsl-tntt.org) 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 Irvine, CA**

*Webmaster/Co-Historian (aiclub.ics.uci.edu) 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 De Anza College, CA**

Lab Assistant/TA *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.