

HUY MINH TRAN

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EDUCATION

University of California Irvine

Bachelor of Science, Computer Science

June 2020

GPA: 3.21

SKILLS

Languages: (proficient) C++, Java, Python, (familiar) JavaScript, (familiar) C.

Tools/Technologies: Postman, Git, Linux, Jira, MySQL, REST, Grizzly.

Libraries/Frameworks: Bootstrap 4, Jackson, Jersey, (familiar) React, BeautifulSoup4.

EXPERIENCE

Unisys, Irvine, CA – Core Database Team (DMSII)

June 2019 – Sep 2019

Software Engineer Coop

- Removed compile time warning of 9 components by 95% using ALGOL and DASDL.
- Accomplished a feature to improve user experience by allowing users to query database attribute in lowercase.
- Took on an additional task to enhance the runtime of a Python interface and improve code readability.
- Used Patch Manager, similar technology to GitHub to create patches and merge into code base.

University of California Irvine

Jan 2019 – Mar 2019

Common Lab Tutor

- Tutored 7 to 10 students in recognizing and debugging errors in their code.
- Explained course material and data structure concepts in C++.
- Received 100% of student's satisfaction compared to 91% in average of all tutors.

PROJECTS

peter_parker

Sep 2019 – Dec 2019

- Developed a crawler to crawl tens of thousands of web page and extract the appropriate information.
- Stored more than 1 million tokens with its according web pages using inverted index.
- Used cosine similarity to rank the word in query and retrieve the related pages under 300ms.

DELM

Sep 2019 – Dec 2019

- Designed a heuristic function for an AI checker to decide the best move to make against another checker.
- Optimize MiniMax by implementing Alpha-Beta Pruning to reduce the search time and allow the AI to search deeper.
- The project ranked 107/273 teams in term of winning points against other teams' AI.

Portfolio

Jul 2019 – Aug 2019

- Designed and constructed using HTML, CSS and JavaScript to displays bio, contact information and accomplished projects.
- Made responsiveness compatible with desktop, tablet and mobile screen and improved UI/UX by integrating Bootstrap 4.

FabFlix

Mar 2019 – Jun 2019

- Established Grizzly to host frontend and backend of an E-commerce single-page application.
- Implemented the backend with 32 core endpoints using Java, SQL and PayPal API.
- Designed and built the frontend from scratch with only Ajax and jQuery.