

Thuc Nguyen

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Senior CS student seeking for a full-time position in Software Engineer

EDUCATION

University of California, San Diego

B.S. Mathematics and Computer Science, Major GPA: 3.7/4.0

Mar 2022

PROJECTS AND EXPERIENCE

Software Engineer Intern *Personalis, Inc - Menlo Park, CA*

June 2021 - Dec 2021

- Build from scratch a microservice to manage Metrics System for Sample Processing Application that increases validation rate by 30%.
- Develop a critical and high demand feature which shares data among databases.
- Optimize onboarding toolset installation which all new hires use.
- Write a Single Command Line script to set up development environment that reduces repetitive tasks of running 100+ commands.

Coffee_shop *Github*

Fall 2020

- The online menu creator allows customers to have access digitally with step-by-step instruction.
- Implement Role-Permission Based Access by Auth0 to allow certain users, such as baristas or shop managers, to be able to view recipes or delete/create new set of drinks.
- Tech stack: JavaScript, Flask, PostgreSQL, Auth0, Python

Trivia_api *Github*

Summer 2020

- A quiz game website where player can add/search/delete quizzes for different difficulties, randomness or by specific categories.
- Using PostgreSQL to build database models and Flask as a backend server of the React frontend.
- Tech stack: React, Flask, PostgreSQL, Python

Fyyur *Github*

Summer 2020

- A social website for musical venues and artists to connect and arrange shows that allows users to update venue's details and search for upcoming shows in real time.
- Using Flask to build out the data models to power the API endpoints by connecting PostgreSQL database to interact with user information on Fyyur.

SKILLS AND EXPERTISE

Languages: Java, Python, SQL, Bash, C/C++, Javascript

Technologies: Spring, Flask, postgresSQL, APIs, Docker, React, Unix

Tools: Git, Vim, Postman, DBeaver