My Dinh

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EDUCATION

ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO, IL   Expected May 2023
Bachelor of Science, Computer Science, GPA: 3.93
Relevant Courses: Data Structures and Algorithms, Introduction to Algorithms, Data Mining, Database Organization, Software Engineering.

SKILLS

- Languages: Python, Java, Dart, Lua, Vimscript, JavaScript, TypeScript, C/C++, HTML/CSS.
- Tools and Framework: React, Flutter, Stencil, Node.js, Flask, PostgreSQL, MySQL, Cloud Firestore, Postman.

EXPERIENCE

Software Engineer Internship   May 2021 – Aug 2021
Cohost AI   Hanoi, Vietnam
- Self-taught Flask, Redis, Celery, and research on Internet Message Format to build RESTful APIs in Flask to send and reply email.
- Completed company's challenges to program and deploy a website for uploading images on AWS and storing data in PostgreSQL database server in RDS.
- Collaborated with UI/UX and Quality Assurance team to improve design, implement new features to website, and fix bugs related to website functionality or display.

Web Developer Internship   Jul 2020 – Sep 2020
Tin Con Di   Remote
- Developed basics website frontend components for Homepage and Test page using Stencil framework.
- Implemented RESTful APIs using Express as backend server to send test information and store user's answers in MySQL database server deployed on RDS.

Software Developer Internship   Aug 2018 – Oct 2018
CMC Corporation   Hanoi, Vietnam
- Designed and built Regex pattern tests for a data mining app written in Python to analyze text documents.

PROJECTS

Lua, Vimscript, Vim Api   Jan 2021 - Present
vim-chtsh   Chicago, IL
- Developed a Neovim plugin for cheat.sh in Neovim code editor for directly searching for programming languages syntax, data structure, or lesson about given programming language.
- Used Lua and Vim API to get user searching query and show popup window in editor for displaying search result transferred from curl cheat.sh.

Java, Postgresql   Oct 2020 – Dec 2020
ParkBase   Chicago, IL
- Built an application for automatic parking using Java and PostgreSQL.
- Designed database schema, project architecture, and wrote documentation for project.
- Created graphical user interface for login screen and parking menu using javax library in Java.

Dart, Flutter Framework, Firebase   Sep 2020 – Nov 2020
Roomiez   Chicago, IL
- Built a cross-platform mobile app for sharing activity and grocery list among roommates.
- Taught myself Flutter framework to develop activity list, activity creation and activity editing screens, and wrote RESTful API to fetch users' activity information from database.
- Collaborated with backend team to develop database schema to manage users' account and data on Google Firebase.

Python   2020
Zoom Chat Monitoring   Chicago, IL
- Won Best Career Hack title in VandyHacks VII Hackathon.
- Led a team of four students in the university to create an app for professor to monitor Zoom chat for student participation and flagging inappropriate language.
- Built function to read .txt file from in-meeting Zoom chat, filter messages counted as valid for partial credit as well as messages containing inappropriate words, then write results on .csv file.