My Dinh

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EDUCATION

Illinois Institute of Technology   Chicago, IL
Bachelor of Science, Computer Science   Expected May 2023
- **GPA:** 3.93
- **Coursework:** Object Oriented Programming, Data Structures and Algorithms, Computer Organization & Assembly Language Programming, System Programming, Introduction to Algorithms, Data Mining, Database Organization, Programming Languages & Translators, Software Engineering, Number Theory, Elementary Linear Algebra.

SKILLS AND TECHNOLOGIES

Languages: Python, Java, JavaScript, TypeScript, HTML/CSS, Ocaml, Dart, Lua, Vimscript, C/C++.
Platform: Windows, Linux.
Tools and Technologies: React.js, Flutter, Stencil, Node.js, Flask, PostgreSQL, Cloud Firestore, Postman, AWS (EC2), Amazon RDS, Git, Windows Subsystem for Linux, Heroku.

WORK EXPERIENCE

CohostAI   May 2021 – Aug 2021
Software Engineer Intern   Hanoi, Vietnam
- Released the second version of CoHost AI website with new design and additional features to provide better user experience.
- Fixed bugs from the new version of the website using TypeScript and React to improve functionality and speed.
- Self-taught Flask, Redis, Celery and researched on Internet Message Protocol to implement RESTful APIs for sending and replying email.
- Contributed more than 2600 lines of code to the company project and completed more than 15 tasks on Jira.

Tincondi   Jul 2020 – Sep 2020
Web Developer Intern   Hanoi, Vietnam
- Developed and designed Home page and Test page components for a career path test website using Stencil.
- Implemented RESTful APIs using Express backend framework to send test information and store user's answers in PostgreSQL database server deployed on Amazon Relational Database Service.
- Contributed more than 2000 lines of code to the website repository.

PROJECTS

vim-chtsh   Jan 2021 - Present
Lua, Vimscript, Vim API   Chicago, IL
- Developed a plugin for cheat.sh for searching programming languages syntax, data structure, or programming language lessons in Neovim code editor.
- Developed an API request utilizing Lua and Vimscript to transfer data from cheat.sh to Neovim popup window.

ParkBase   Oct 2020 – Dec 2020
Java, PostgreSQL   Chicago, IL
- Developed an automated parking management system in a team of three using Java and PostgreSQL.
- Spearheaded database design, project architecture, and project documentation.
- Designed login screen GUI and user menu using javax library.

Roomiez   Sep 2020 – Nov 2020
Dart, Flutter, Cloud Firestore   Chicago, IL
- Built a cross-platform mobile app for sharing and managing activity and grocery lists among roommates.
- Developed CRUD activity screens in a team of five using Flutter, Google Cloud Firestore. and RESTful API.

Zoom Chat Monitoring (Best Career Hack - Vanderbilt Hackathon)   Oct 2020
Python   Chicago, IL
- Led a team of four students in the university to create an application for the professor to monitor student participation and flag inappropriate language in Zoom chat during lecture.
- Developed optimization algorithms to analyze .txt file from in-meeting Zoom chat to filter messages.