

Nham N. Dinh

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EDUCATION

University of California, Irvine - Irvine, CA

B.S., Software Engineer

Expected Graduation: March 2022

GPA: 3.95

Drexel University - Philadelphia, PA

B.S., Mechanical Engineering

June 2014

GPA: 3.78 (Magna Cum Laude)

EXPERIENCE

Verily (Google Life Sciences)

Software Engineer Intern

San Francisco, CA

June 2021 – September 2021

- Worked with retinal imaging device to enable early screening for diabetic retinopathy.
- Completed 2 major projects to lay the foundation for new features and enhance reliability of the system as a whole.
- Created features to classify ML/AI model output and integrated them into existing workflow.
- Designed and built central communication service for internal and external transactions using C++, gRPC framework, and the Bazel/Blaze build system.
- Validated new features with Google Testing and Mocking framework.
- Contributed questions and solutions to Google coding competitions.

Pair Anything

Software Data Engineer Intern

San Francisco, CA

September 2020 – December 2020

- Implemented frontend features to promote company and partners' online social presence using ReactJS.
- Restructure double-storing schema to save 50% on storage for customers' order history.

PROJECTS

Pet Store

April – June 2021

- A full-stack e-commerce web application that allow users to browse and buy pets.
- Developed multiple versions using different tech stacks, including JSP and React for frontend, Java servlet, Express, and Sequelize for backend.
- Designed and implemented RESTful APIs to allow for interaction with resources stored in MySQL database.
- Utilized MVC design pattern to create clean and maintainable code.

Medicare Pro Max - Best Beginner Hack at HackDavis 2020

January 2020

- A web app built with JavaScript and NodeJS to promote hospital-cost transparency.
- Users can search from more than 600 common procedures to see where they are offered, detailed cost breakdown, and pricing history in the U.S.
- Won best Beginner Hack at HackDavis 2020 against 70 other teams.

Dictionary

September 2019

- A program built in C that takes input text file and checks for spelling error.
- Ranked #50 in CS50's competition with 200,000 students online, 800 at Harvard, and teaching staff.

SKILLS

- Languages: C++, C, Java, JavaScript, Python
- Database: MySQL, AsterixDB (NoSQL)
- Frameworks: gRPC, Google Test, ReactJS, NodeJS, Bootstrap
- Version Control: Github, Gitlab, Mercurial

PUBLICATIONS

- Patent US 2020-0121130A1, Published – April 2020
- Patent US 9936991B2, Issued – April 2018

HONORS AND AWARDS

- Rank #1 among UC's hubs (#696 worldwide) in Google Hash Code competition February 2021
- Best UIPath Automation Hack at QWER Hacks 2020 January 2020
- Best Beginner Hack at HackDavis 2020 January 2020