

Thanh Nguyen

669.600.9316 | thanh.nguyen@berkeley.edu | Berkeley, CA | <https://thanhnguyen6.github.io/>

EDUCATION

University of California, Berkeley

Expected Dec 2020

Bachelor of Arts, Majors: Computer Science

Relevant courses: The Structure and Interpretation of Computer Programs| Data Structure| Great Ideas of Computer Architecture (Machine Structures)| Computer Security| Efficient Algorithms and Intractable Problem| Introduction to Database Systems | Introduction to Artificial Intelligence| Introduction to the Internet: Architecture and Protocol| Operating Systems and System Programming

Community College, Ohlone, Fremont

Jan 2014 – May 2018

Associate in Arts in Natural Science: Mathematics and Technology Emphasis, Human Development, and Business with Highest Honors

Associate in Science in Computer Science, Mathematics and Physics for Transfer with Highest Honors

PROFESSIONAL EXPERIENCE

Loan Factory, Inc

June 2019 – August 2019

Software Engineer

San Jose, CA

- Worked in a team of 4 to build a website for insurance aspect of the company
- Discussed with users to design the web that fulfill their requirements
- Reported bugs and the process of the project to the manager

Ohlone College

February 2017 – May 2018

Computer Science Tutor and Accounting Tutor

Fremont, CA

- Improved tutee's test scores by 60% over semester by reviewing class materials, designing, and developing practice questions, and guiding them to the needed resources
- Built strong personal relationships with tutees by listening to their academic and personal life stories and giving advice

UC Berkeley, Computer Security - Class Project

August 2019 – December 2019

- Build the client for End-to-End Encrypted File Sharing System in Go using cryptographic schemes: HMAC, AES-256, RSA, PBKDF. The client will allow users to store and load files, share files with other users, and revoke access to a shared file from other users on unsafe server.

SKILLS AND INTERESTING

- Computer: C++, Java, Python, Go, JavaScript, HTML, Selenium WebDriver, SQL, Git, Linux
- Languages: Vietnamese (fluent in speaking and writing), Mandarin (immediate)
- Interests: Trying new online recipes and watching Criminal Minds

EXTRACURRICULAR INVOLVEMENTS

St. Elizabeth Catholic Church

September 2017 – May 2018

Vietnamese Teacher

Milpitas, CA

- Instructed a schoolyear long, weekly Vietnamese language class for 15 students from 3-6 year-olds
- All students passed the class after benefiting from my 1:1 instruction and support

The Volunteer Income Tax Assistance (VITA)

November 2016 – April 2018

Tax Preparer

Fremont, CA

- Provided 40 + free tax preparation services to qualified individuals and families who have under \$55,000 annual income, person with disabilities, and limited English-speaking taxpayers
- Committed more than 35 hours for each tax season
- Ensured taxpayers receive the best services by asking for feedback and following up with questions, and keeping confidentiality of their information