

Trinity Nguyen

thn.trinity@gmail.com | (402) 807-9366 | linkedin.com/in/trinityng

EDUCATION

B.S. in COMPUTER SCIENCE

San José State University
May 2021 | San Jose, CA
Major GPA: 3.91 / 4.00

A.S in LIBERAL ARTS SCIENCE - MATH ENGINEERING

De Anza College
June 2018 | Cupertino, CA
Dean's List | Honor
GPA: 3.70 / 4.00

CAPABILITIES

LANGUAGES

Java • C • C++ • Python • Assembly

WEB DEVELOPMENT

HTML5/CSS3/JSEX • Bootstrap
JavaScript • React.js
TypeScript • Angular
Node.js • Go • PHP

CLOUD/DATABASE

AWS • MongoDB • MySQL

ADVANCED COURSEWORKS

- Data Structures and Algorithms
- Object-Oriented Programming
- Operating System
- Information Security
- Server-side Web Programming
- Full-stack Web Development
- Advanced Java Programming
- Discrete Math and Probabilities

LEADERSHIP & AWARDS

- President's Scholars
- Webmaster Vice President of Phi Theta Kappa Honor Society
- National Honor Society

EXPERIENCES

TESLA | SOFTWARE ENGINEERING INTERN

Sep 2019 – Current | Fremont, CA

- Joining Factory Software team to develop Model 3's Manufacturing Operating System (MOS).
- Intensive full stack web development using Typescript, Angular, Go & MySQL.
- Mastering project management using Jira and Agile methodology.

ROKU, INC. | CLOUD ENGINEERING INTERN

Jun 2019 – Aug 2019 | Los Gatos, CA

- Created crowdsourcing annotation tool for Roku Voice using React.js, Amazon Mechanical Turk API & AWS services.
- Surpassed project goals by releasing 5 crowdsourced campaigns within 3 months.
- Collaborated with Machine Learning engineers to iterate on UI design based on annotators' feedbacks.

HOPLITE | SOFTWARE ENGINEERING INTERN

Jan 2019 – Jun 2019 | San Jose, CA

- Developed recruiting dashboard using Node.js and MongoDB to showcase members' skills and projects.
- Utilized Google APIs to manage users' data and authentication.
- Successfully delivered the product by deadlines with 5 colleagues.

CIS LAB | TEACHING ASSISTANT

Jul 2016 - Jul 2017 | De Anza College | Cupertino, CA

- Fostered debugging and software development skills by assisting students with programming assignments.

PROJECTS

DECRYPTOID | Mar 2019 – May 2019

- Collaborated with colleagues to create web application to encrypt and decrypt text/file using JS, PHP & MySQL.
- Built user authentication, password encryption using sessions, cookies, & client-side validation to ensure security.

GOOGLE SEARCH ENGINE SIMULATOR | Oct 2018 – Dec 2018

- Recreated Google search engine using different sorting algorithms and data structures, written in Java.
- Applied Jsoup library to collect and manipulate data from Google API.