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/JSX • Bootstrap
JavaScript • React.js
TypeScript • Angular
Node.js • Go • PHP

CLOUD/DATABASE/TESTING
AWS • MongoDB • MySQL
Docker • Goose • Ginkgo

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

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

EXPERIENCES

TESLA, INC. | FULL STACK SOFTWARE ENGINEERING INTERN
Sep 2019 – Current | Fremont, CA
- Join Factory Software team to enhance Manufacturing Operating System (MOS) for Model 3, Y.
- Boost manufacturing performance and improve UI with intensive full-stack web development using Typescript, Angular, Golang & MySQL.
- Communicate closely with manager, PM, developers and QAs to release 20+ Jira tickets to production.

ROKU, INC. | CLOUD ENGINEERING INTERN
Jun 2019 – Aug 2019 | Los Gatos, CA
- Designed and developed crowdsourcing annotation tool for Roku Voice using React.js, Amazon Mechanical Turk API & AWS services.
- Surpassed project goals by releasing 5 crowdsourced campaigns to production 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
- Upgraded club website by building recruiting dashboard using Node.js and MongoDB to showcase CS and SE colleague's portfolio.
- Utilized Google APIs to manage users' data and authentication.

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.