NHAN T. LE

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San Jose, CA
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EDUCATION

San Jose State University
Jan 2020 — Expected May 2022

— **B.S. Software Engineering, GPA: 3.63**

Courses	Data Structures/Algorithms, Discrete Math/Probalility, Software Engineering, Computer Organization, Databases, Human Computer Interaction (UI/UX), Linear Algebra
Activities	Competitive Programming Club, Software & Computer Engineering Society, Computer Science Club, GCP Scholars

Santa Barbara City College

— **A.S. Computer Science, Mathematics Minor**

SKILLS AND LANGUAGES

Languages	*Proficient* (Java, Python, JavaScripts), *Intermediate* (C++, HTML/CSS, Dart, Golang, SQL), *Familiar* (C, Ruby)
Frameworks	MERN Stack, React, VueJS, Spring Boot, Flask, Flutter, React Native
Services/Tech	Git, Heroku, Travis CI, Docker, Kubernetes, GCP, AWS
Interest	Fullstack Development, DevOps, Big Data, Infrastructure, Cloud Technologies, Mobile Development

EXPERIENCE

SAP
Palo Alto, CA
NodeJS, Python, JS

San Ramon, CA
Java, Python, SQL,
Kubernetes, HANADB

Software Developer Intern — Oct 2020 — Present
- Currently part of Digital Identity Team and am working on Blockchain technology, supporting to develop decentralized identity feature using Homomorphic encryption.

Software Developer Intern — Jun 2020 — Aug 2020
- Introduced new microservices to decouple legacy monolithic codebase into Picklist-As-A-Service and provided 100% regression, integration test coverage using Mockito and JMockit.
- Parsed 10000+ failure logs to identif y most critical database migration errors and customers'instances.
- Orchestrated K8s clustors and migrated build jobs from the main CI pipeline to local environment.

Dive Chat
San Jose, CA
React, Expo, GCP, JS

Software Developer Intern — Apr 2020 — Jun 2020
- Reduced notification feature cost by 33% by reconstructing object schema on GCP and introduced new services as middleware to connect GCP Cloud Functions and backend Expo servers.
- Worked closely with CTO to identify bottlenecks on the backend services by using V8 profiler engine.

BICO
San Jose, CA
Gatsby, Travis, React

Software Developer Intern — Nov 2019 — Jan 2020
- Migrated WordPress to Gatsby server, built a CI/CD pipeline to alert crash reports and wrote Python scripts to automate customers' success business workflow for 300+ customers.

Green Global
Da Nang, Vietnam
Java, Spring, MySQL, JS

Software Developer Intern — Jun 2018 — Aug 2018
- Maintained backend authentication service and reduced frontend page load by 22% using Redis and achieved 95% bug coverage by writing 4000+ lines of test plans following TDD methodology.
- Created an dashboard to monitor network rate and average workloads of our internal VMs.

PROJECTS

Webify - https://webify-react.herokuapp.com/ - *Bootstrap, React, Redux, Spotify API, NodeJS*
- Self-taught React and implemented curated song and playlists generator based on users' Spotify top artists, genres and playlists.

PlantVibez - https://github.com/NLe1/plantvibez - *Flutter, Dart, Java, GCP*
- Led team of 4 students and created cross-platform mobile app that allow users to set reminders to water their in house plants.

Twitter Kafka - https://github.com/NLe1/kafka-elasti csearch-twitter - *Kafka, Java, ElasticSearch*
- Built a real-time tweet filter and aggregator based on different keywords and number of followers using Twitter API and Kafka.

Tab Tracker - https://github.com/NLe1/tab-tracker - *SQLite, VueJS, Python, Selenium*
- Leveraged VueJS and built a platform for musicians to share music tabs using data that scraped from the Ultimate Guitar.

EZWOEID - https://github.com/NLe1/EzWOEID - *NodeJS, React, JS*
- Built a dashboard to look up woeid by country name because old API from Yahoo is deprecated.

Awards

Participant - LA Hacks, Hack Merced, SacHacks, CalHacks
- Participant of multiple 36-hour projects in different tech stack such as MERN, MEAN, Flutter and winner of Best Beginner Hack.

First Runner Up - ICPC Regional Programming Contest (SoCal Region)
- Competed against 90 teams from UCSD, UCLA, USC, CalPoly, UCSB contestants.