NHAN LE

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EDUCATION

San Jose State University, B.S in Software Engineering, GPA 4.00/4.00   01/2020 – Expected 05/2022
Santa Barbara City College, A.S in Computer Science, GPA 3.67/4.00   08/2017 – 12/2019
- Related Coursework**:** Data Structures and Algorithms, Computer Organizations, Software Engineering with UML, Programming Languages (C++, C, Python, Java, Assembly), Object - Oriented Design.

SKILLS

- Languages: Java, C++, J2EE, Python, Golang, HTML/CSS, Dart**,** JavaScript, SQL.
- Frameworks: React.js, Gatsby, Redux, Vue.js, Node.js, React Native, Flutter.
- Technologies: Git, GCP, Tomcat, Apache, Docker, AWS, Terraform, Kafka, Jenkins, Travis.
- Interest: Full-stack Development, Distributed Systems, DevOps, Music, Hiking.

PROFESSIONAL EXPERIENCE

SAP SuccessFactors, Software Engineer Intern, Palo Alto, CA   06/2020 – Current
Dive Chat, Software Engineer Intern, San Jose, CA   04/2020 – 06/2020
- Owned push notifications feature for 4,000 users using Google Cloud Function and Expo server.
- Reduced bandwidth cost by 33% by reconstructing object-relational schema.
- Decomposed 13,000 lines of monolithic codes into 3 microservices and provided unit testing for each.

BICO Inc., Front End Developer, San Jose, CA   11/2019 – 01/2020
- Increased site views by 76% to 2,000 visitors per quarter by replacing WordPress with Gatsby.
- Developed CI/CD pipeline to alert 100+ build and crash reports using Travis CI and Docker.
- Wrote Python script to integrate from manual to automated email forwarding 300+ monthly users.

Green Global Inc., Software Engineer Intern, Green Global Inc., Vietnam   06/2018 – 08/2018
- Supported 3000+ daily users logging in by developing authentication services using Java and JWT.
- Reduced page load by 22% by caching users' sessions and storing OAuth Token in local storage.
- Delivered daily users' crash reports by querying different database instances using SQL and JDBC.
- Achieved 95% bug coverage by writing 100+ unit tests following TDD framework.

SBCC CS Department, CS Tutor, Santa Barbara, CA   09/2019 – 12/2019
- Tutored 200+ hours and received 90% of students' and professors' positive feedback.
- Decreased grader run time by 40% by migrating grader's framework to JUnit5.
- Delivered Java module to extract and rank similarity in 60+ homework submissions each project.

PROJECTS

Rehash (Hackathon Project) *Flutter, Computer Vision, Node.js*   *github/rehash*
- Built cross-platform mobile app to send the pictures to Node.js server, in order to train Computer Vision Model. Led team of 4 developers and mentored one developer to learn Flutter in 48 hours.

LinkedUp (Hackathon Project) Chrome Extension API, React, Redux, Webpack   *github/LinkedUp*
- Launched *Chrome Extension* to help organize endless LinkedIn connections and provide quick access to cold email templates using React and Webpack.

Webify (Personal Project) *React.js, Redux, Spotify API, Heroku*   *heroku/webify*
- Implemented curated songs and playlists generator-based users' top artists, genres, playlists on Spotify by aggregating 100+ API requests using React and Redux.

Tab Tracker (Personal Project) *SQLite, Vue.js, Python, Selenium*   *github/TabTracker*
- Self-taught Vue.js and developed a platform for musicians to share music sheets/tabs using pre-fetched data scraping from the Ultimate Guitar website using Python and Selenium.

Kafka Twitter (Personal Project) Kafka, Elastic Search, Java   *github/kafkatwitter*
- Filter real-time influencer's tweet about specific topics and aggregate into single pipeline with over 500 tweets per second during peak time, provide quick scalable and real-time tweet parsing.

ADDITIONAL EXPERIENCES AND AWARDS

Rescinded **SDE Intern** Program at Indeed.com due to COVID-19   04/2020
First Runner Up, ICPC Programming Contest   11/2019
First Prizes Regional Mathematical Competition (Top 5% National), Math Student of a Year   05/2017