

Full-Stack Developer | SWE Student @ SJSU

San Jose, CA







WORK EXPERIENCE

Dive Chat (April 2020 - Current)

Software Engineer Intern (Part-time)

- Developep cross-functional, organized messaging app for 2000+ students and ambassadors.
- Own push notifications for projected 40,000 users in less than a year using Google Cloud Functions.
- Minimize messaging latency by 500% from 100ms to 20ms by integrating Firebase Cloud Function and Expo server.

BICO Inc. (November 2019 - January 2020)

Front End Developer (Contract)

- Increased site views by 76% to 10,000 visitors per quarter by revamping replacing WordPress with Gatsby.
- Worked with 2 senior UX designer to compile 50+ elements into React components.
- Wrote Python script to integrate from manual to automated email forwarding 300+ monthly users.

Green Global Inc.

Software Engineering Intern (Full-time)

- Supported 3000+ daily by serving microservice to authenticate users' credentials, which used Json Web Token(JWT).
- Reduced page load by 33% by persisting users' session and leveraging caching and local storage.
- Achieved 95% bug coverage by writing 100+ test suites and applying TDD framework and JIRA.

SBCC Computer Science Lab

(09/2019 - 12/2019)

Computer Science Tutor (Part-time)

- Tutored 200+ hours and received 90% students' and professors' positive feedback.
- Decreased grader run time by 40% by working with professor to migrate grader codebase to JUnit5.
- Delivered Java module to extract and rank similarity in 60+ students' homework submissions each project.

EDUCATION

San Jose State University

(January 2020 - Expected May 2022)

Bachelor of Science in Software Engineering

Santa Barbara City College

Associate of Science in Computer Science

GPA: 3.65/4.00(August 2017 - December 2019)

Related Coursework: Data Structures and Algorithms, Computer Organizations, Software Engineering with UML, Programming Languages (C++, C, Python, Java, Assembly), Object Oriented Design, Linear Algebra, Statistics, Differential Equations.

HONORS & AWARDS

International Collegiate SoCal Regional Programming Contest

First Runner up

Placed 2 over 40 community colleges, 14th overall (Language used: Python)

CREDITS

Indeed.com

SDE Intern Rescinded

Math Student of a Year

Parkway Christian Highschool

SKILLS

React NodeJS VueJS AWS GCP

MongoDB

MySQL

JIRA

LANGUAGES

Java (Advanced) C++ Python (Advanced)

JavaScripts(Advanced) Dart SQL HTML/CSS



PROJECTS

Flutter

Rehash (Hackathon Project) Flutter, Computer Vision, Node.js

Git

https://github.com/NLe1/rehash

- Built Flutter cross-platform app to send the BASE64 encrypted photos to Node.js server to train CV Model.
- Led team of 4 developers to set project scope, and configure CI/CD pipeline using GitHub Action.

Webify (Personal Project)

React.js, Redux, Spotify API, Heroku https://webify-react.herokuapp.com/

- Generated customized songs and playlists based users' top artists, genres, playlists on Spotify
- Aggregated more than 100 API endpoints using Redux Store and architected deeply nested React components.

Tab Tracker (Personal Project) SQLite, Vue.js, Vuex, Python, Selenium

SQLite, Vue.js, Vuex, Python, Selenium https://github.com/NLe1/tab-tracker

- "Open source" Guitar Tabs
 platform for musicians to showcase,
 share, request changes music
 sheets/tabs.
- Self-taught Vue and Vuex for state managing pattern. Automated
 Python scripts to scrape Ultimate
 Guitar Pro website.