NHAN LE

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https://github.com/NLe1

EDUCATION

Bachelor of Science in Software Engineering   **01/2020 - Expected 05/2022**
San Jose State University, San Jose, CA
Associate of Science in Computer Science, GPA: 3.67   **08/2017 - 12/2019**
Santa Barbara City College, Santa Barbara, CA
Related Coursework: Data Structures and Algorithms, Computer Organizations (ARM), Software Engineering with UML, and Programming Languages (C++, C, Python, Java, Dart, Assembly), Differential Equations, Linear Algebra

SKILLS

- Languages: Java, C, C++, Python, JavaScript, HTML, CSS, Dart, Typescript, SQL.
- Frameworks: React.js, Redux, Vue.js, Bootstrap, Flutter, Node.js, Express.js.
- Technologies: Heroku, GCP, Firebase, Java Servlet, JDBC, MongoDB, SQLite, JSP, MySQL, Sketch, XD.

EXPERIENCES

CS Tutor, SBCC CS Department, Santa Barbara, CA   09/2019 – 12/2019
- Tutored 10 students per shift with multiple coursework such as: CS104 (Introduction Python), CS105(Java Programming), CS106(Data Structures and Algorithms), Object-Oriented Design.
- Led multiple workshops for 10-15 students on variety of CS related topics such as: Dynamic Programming, Algorithms, Big-O Notations, and more.

Computer Tutor, SBCC Library Department, Santa Barbara, CA   01/2019 – 05/2019
- Confronted typical issues in Work and Excel, printing and scanning difficulties, WIFI issues, and resource finding.
- Maintained and oversaw 4 computer workstations include Mac, Windows 10, and Linux (Ubuntu) by removing malware, fixing boot time issues, hardening security, and troubleshooting student's logging in malfunctions.

Software Engineering Intern, Green Global Inc., Vietnam   06/2018 – 08/2018
- Prototyped and built front-end dashboard for administration web-app using HTML, CSS, Java Servlet, JavaScript and Sketch.
- Reduced database query latency rate by 15% by reconstructing table's relations and incorporating Hash Map Data Structure.
- Architected and developed authenticating features and tested with more 500 autonomous unit tests on daily basis.

PROJECTS

Webify React.js, Redux, Node.js, Spotify API   https://webifyreact.herokuapp.com
- Full-stack music recommending web-app understands users' taste of music, generates curated playlists and albums by utilizing more than 100 API endpoints.

BICO Landing Page HTML, CSS, JavaScript, Bootstrap   https://bico-vietnam.herokuapp.com
- Landing page for over 10 years old bakery's manufacturing company with more than 200 employees.

PlantVibez Flutter, Dart, Firebase, GCP   https://github.com/JacobYLiu/plantvibez
- Multi-platform plant's caring reminder app as a result of 4 members project-based Software Engineering course, customizable platform being tested with more than 1000 auto-generated user's metadata.

ADDITIONAL EXPERIENCES AND AWARDS

First Runner Up, ICPC Programming Contest   ICPC Foundations
Placed 2nd over 40 2-year colleges, 14th over 90 universities (Language: Python)   November 2019
Math Student of a Year   Parkway Christian High School
Recognized as a most qualified and competent mathematics student in a year.   May 2017
Participated to Multiple Hackathons