WILLIAM TRINH

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SUMMARY

Passionate, self-starting, team-oriented, and results-driven software developer with strong problem-solving skills and extensive backgrounds in software development seeking for a full-time entry level software engineer position.

WORK EXPERIENCE

Software Engineer, Infosys   August 2019 – October 2020

Infosys @ Capital Group, Irvine, CA

- Developed and deployed Docker containers to break up monolithic app into microservices to improve speed and increase scalability.
- Involved in the implementation of a full CI/CD pipeline with Gradle, Jenkins, Docker, Kubernetes.
- Created, modified, and documented user access/privileges database schema for the enterprise.

Infosys @ Charles Schwab, Phoenix, AZ

- Migrated code and call records from various legacy systems to modern Verint platform.
- Provided technical support and troubleshooting end-user's problems on Verint with ServiceNow and Jira.
- Responsible for system reliability, including different servers to ensure connectivity during business hours.

EDUCATION

University of California, Irvine   Irvine, CA   June 2019

- B.S. Computer Science with overall **GPA of 3.41/4.00.**
- **Relevant coursework:** Design & Analysis of Algorithms, Data Structures, Graph Algorithms, Database Management, Concepts in Programming Languages, Operating Systems, Computer Network, Project in Database and Web Applications, Information Retrieval, Machine Learning & Data Mining, Discrete Math, Statistics, Linear Algebra.

RELEVANT PROJECTS

YelpCamp – A NodeJS Web Application

- Created a RESTful web application that allows users to browse and share campgrounds. Implemented features include user authentication, authorization, password encryption, fuzzy searching, create, view, edit, delete posts and comments, user profile, pagination, campgrounds location Google Maps, responsive web design.
- Tools used: HTML, CSS, Javascript, Google Map APIs, MongoDB, NodeJS, Bootstrap, Heroku.

Face-Recognition – Face detection & Identification Application

- Created an application that performs real-time face tracking from webcam & video as well as detect and identify faces from images with the help of pre-trained models from face-api.js.
- Tools used: OpenCV, Python, dlib, Javascript, face-api.js.

Sudoku Solver GUI

- Created a python GUI application that uses the backtracking algorithm to find a solution to any solvable sudoku board.
- Tools used: Python, pygame.

SKILLS

- **Languages:** Java, Python, HTML/CSS, JavaScript, C++, C, JSON, XML.
- **Tools/Platforms:** Angular, Spring, NodeJS, AWS, Git, Github, SQL, NoSQL (MongoDB), Bootstrap, Android Studio, Visual Studio, Linux, Postman.