WILLIAM TRINH

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EDUCATION

University of California, Irvine   **Irvine, CA**   **Sep 2017 - June 2019**

- Bachelor of Science in Computer Science with overall GPA of 3.41/4.00
- **Emphasis coursework:** Project in Database and Web Applications, Database Management, Information Retrieval, Design & Analysis of Algorithms, Concepts in Programming Languages, Operating Systems, Computer Network

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 that performs real-time webcam & video face tracking as well as detect and identify faces from images with the help of pre-trained models from face-api.js.
- Performs real-time face recognition using deep learning to find faces in an image and compare it with the existing faces in the dataset using Haar classifier.
- 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.
- Sudoku Solver GUI is also a playable game that user can try and solve manually with classic rules and timer.
- Tools used: Python, pygame.

WORK EXPERIENCE

Software Engineer   **Irvine, CA**   **March 2020 – October 2020**

Infosys @ Capital Group

- Built and deployed Docker containers to break up monolithic app into microservices to improve speed and increase scalability.
- Worked with application team and tester to implement a full CI/CD pipeline with Gradle, Jenkins, Docker, Kubernetes.
- Created and modified role memberships to give certain access and privileges to end-users.

Software Engineer   **Phoenix, AZ**   **August 2019 – March 2020**

Infosys @ Charles Schwab

- Helped migrating legacy systems code and call recording records to Verint.
- Provided technical support and troubleshooting end-user's problems on Verint with ServiceNow and Jira.
- Performed daily health checks and monitoring main and backup server to ensure connectivity during business hours.

SKILLS

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