(408)-460-8179
San Jose, California

LUAT DINH

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EDUCATION:

Bachelor of Science in Computer Science   Expected July 22, 2021

San José State University | San Jose, CA
GPA: 3.47

WORK EXPERIENCE:

3D Modeler   Feb 2016 - Feb 2019

Shapescape | San Jose, CA
- Collaborated with international team members to complete commissioned projects within assigned deadlines.
- Attended scheduled discussion meetings and maintained project backlogs using Slack and Trello.
- Modified project requirements to satisfy dynamic client demands.
- Developed creative skills in multimedia production and digital art.
- Became familiarized with content creation and photo / video editing software.

Technical Consultant   June 2015

International Tax Accountant | San Jose, CA
- Provided technical support for the installation of hardware components on office computers.
- Carried out secure data deletion of sensitive client information.
- Performed proper disposal of obsolete electronic devices.

PROJECTS:

- **Twitch.tv Users Network Analysis** - Collected and analyzed Twitch user data to perform a social network analysis. Categorized user community structures and network properties using Python, Gephi, and R.
- **Python Phylogenetic Analysis** - Conducted genetic analysis of 44 related species using the Bio Python Package. Performed multiple sequence alignments of mRNA sequences and produced Phylogenetic tree diagrams.
- **Bookstore Prototype** - Java project for a bookstore commerce system with user interface and locally integrated database. Included features to register customers, create products, and search through store inventory.
- **Seach Bot** - Python Discord Bot project used to optimize searching for content on specific web pages. Utilizes Discord's API to receive user text inputs and returns the results if any are found from predefined websites.
- **Fire Weather Information Interface** - Designed a proof of concept project for viewing wild-land fire related weather information based on location. Developed a prototype mobile application using Adobe XD.

SKILLS:

Programming Knowledge

- Java
- Python 3
- C++
- Spring Boot
- Verilog
- R Programming
- HTML
- Scala
- PHP
- C#
- Bootstrap
- X86 ASM
- AGILE / SCRUM
- CSS

Tools & Technology

- Eclipse IDE
- Git
- Git Bash
- Trello
- Slack
- Linux
- VMWare
- PyCharm
- Github
- Gephi
- Jira
- Discord
- Windows
- Virtual Box
- Visual Studio
- Adobe Creative Cloud
- Micosoft Office

RELEVANT COURSEWORK:

- CS 123B: Bioinformatics II
- CS 146: Data Structures and Algorithms
- CS 151: Object-Oriented Design
- CS 147: Computer Architecture
- CS 149: Operating Systems
- CS 152: Programming Paradigms
- CS 158A: Computer Networks
- CS 166: Information Security
- CS 174: Server-side Web Programming
- CS 185C: Intro to Social Network Analysis