

# JUSTIN TRAN

## Software Engineer

@ jhtran3@uci.edu    209-914-3733    California, USA  
in justin-h-tran    MMusto    justin-tran-portfolio.web.app

### SKILLS

Python 3    C++    C  
Java    AWS    GCP  
Azure    Heroku    Linux  
Windows Server    Git  
SQL    CAD  
Agile    Customer Service  
SDLC

### LEARNING

PostgreSQL    Docker  
Kubernetes  
Oracle Cloud  
Salesforce Platform  
IBM Cloud    Rust

### RELATED COURSES

- Alg. Design & Analysis
- Data structures & Analysis
- Principles in System Design
- Computational Geometry
- Computer & Network Security with Cryptography
- Principles in Operating Systems
- Database Design & Management
- Artificial Intelligence
- Concepts of Programming Languages
- Probability & Statistics in CS

### HACKATHONS

- Launch Hack 2016
- SF Hacks 2018
- Citrus Hacks 2018
- SD Hacks 2018
- UCI Hack 2019

### LANGUAGES

English | Native  
Spanish | Basic  
Vietnamese | Basic

### ABOUT ME

*I am constantly seeking to reinforce basic computer science principles while also learning new methods, designs, and technology to improve the quality of my software.*

### EXPERIENCE

#### Jr. Software Developer

| [Aria Exchange Corporation](#)

June 2020 – September 2020    Irvine, CA

- Gathered detailed requirements to build an online tax workflow and automation product
- Create mobile and UI components, capturing key data analytics and other metric information
- Enhance capability to generate tax returns and transmit to the IRS
- Support web applications and back-end databases
- Create automated financial reports and forms

#### MBA Computing Consultant

| [University of California, Irvine](#)

June 2018 – June 2020    Irvine, CA

- Support faculty as well as graduate and Ph.D. students of the Paul Merage School of Business
- Support server infrastructures and perform routine administrative maintenance tasks
- Documentation for installation and troubleshooting support
- Self-discipline, time management and expert customer service

### EDUCATION

#### B.S. in Computer Science

| [University of California, Irvine](#)

September 2016 – June 2020    Irvine, CA

- Upper-Div GPA: 3.88

### PROJECTS

#### Autonomous Quadcopter

| <https://justin-tran-portfolio.web.app/quadcopter.html>

- Designed and manufactured quadcopter from scratch
- Lead CAD designer on this team project over the course of 7 months
- Integrated Raspberry Pi and additional sensors
- Hands-on Experience: CAD, C++, Algorithm design and analysis, Agile Project Methodology

#### DayZ Server

| <https://justin-tran-portfolio.web.app/dayz.html>

September 2016 – March 2017

- Designed and developed a fully custom DayZ server, using the Enscript language on the Enfusion Engine
- Created and contributed to various tools and APIs for the server community (Trader CLT, Mod Check Fix, Automation) using Python, Java, and Enscript.
- Utilized Google Cloud Platform to create persistent and scalable infrastructure (Windows Server Core)