



# JUSTIN TRAN

## Software Engineer

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California, USA

justin-h-tran

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justin-tran-portfolio.web.app

### STRENGTHS

Python 3 C++ C Java

Jenkins AWS GCP

Azure Heroku Linux

Windows Server Git

SQL CAD AGILE

### LEARNING

PostgreSQL Docker

Kubernetes Oracle Cloud

Salesforce Platform

IBM Cloud Rust

### 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

### LANGUAGES

English: Fluent

Spanish: Basic

Vietnamese: Basic

### EXPERIENCE

#### Software Engineer II | Accuray

June 2021 – Present

Fully Remote - Based in SF, CA

- Lead design discussions to develop new radiotherapy features such as the "Target Groups" feature, which solves issues while dealing with multiple metastases
- Write high-quality, secure, reliable code that fulfills product requirements, while also triaging field work orders, and maintaining legacy code
- Develop, document, and maintain official build systems + CI systems, using Jenkins, across multiple release versions, including 6+ patch releases

#### Jr. Software Developer | Aria Exchange Corporation

June 2020 – September 2020

Irvine, CA

- Gathered detailed requirements to build an online tax workflow product
- Created mobile and UI components, capturing key data analytics and other metric information
- Created automated financial reports and forms while supporting web applications and back-end databases

#### MBA Computing Consultant | University of California, Irvine

June 2018 – June 2020

Irvine, CA

- Support server infrastructures and perform routine administrative maintenance tasks
- Documentation for installation and troubleshooting support

### 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>

- 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)