

Chris Tian

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Education

University of California, Irvine, Irvine, CA

Expected graduation in December 2022

Pursuing B.S. in Computer Science

GPA: 3.857

Major GPA: 3.95

Relevant Coursework:

ICS 32: Programming with Software Libraries

ICS 33: Intermediate Programming

ICS 45C: Programming in C++ as a Second Language

ICS 6D: Discrete Mathematics for Computer Science

IN4MATX 43: Introduction to Software Engineering

MATH 3A: Linear Algebra

Experience

Freelance, Remote

November 2019 – Present

Worked with a YouTube channel with 200k+ subscribers and 117m+ views

Built a livestream video editing web app with distributed background rendering using AWS EC2, Fargate, and Lambda

Dramatically reduced rendering time and cost through efficient use of the AWS platform

Software Engineering Intern, Anomali Inc., Redwood City

Summer 2018 and Summer 2019

Developed daily trending malware entity/indicator discovery system

Maintained and enhanced machine learning-based threat detection software

Analyzed and manipulated data sources of up to 27 TB in size using Apache Spark and Databricks

Created a data analysis webtool using Vue.js, Eclipse Vert.x, WebSockets

Summer Intern, Teachly Inc., Remote

Summer 2017

Translated Sketch mockups into functional and responsive HTML+SASS pages

Built API endpoints while working with Ember.js, Ember-data, Sequelize, and Postgres

Practiced Agile development with Jira, GitHub, Slack

Activities

Packer Travel Organizer

August 2019 – September 2019

Personal project with friends

Built endpoint security across all API endpoints

Developed features using React, Semantic UI, Express.js

Added Friend and Notification system

Set up unified code linting system

Gunn Robotics Team

August 2017 – May 2019

Student-led First Robotics Competition team

Developed computer vision software using OpenCV to guide robot

Programmed reliable autonomous robot movement mode

Learned valuable skills in machining, computer-aided design, control theory, web design, and team communication

Team won Innovation in Control award in 2018 and Autonomous Award in 2019

Gunn Business Club

July 2018 – May 2019

Vice President

Created a mobile app to support club announcements, push notifications, and resources

Organized study sessions to help members succeed in competitive events

Assisted in leading meetings and club events

Future Business Leaders of America

August 2015 – May 2019

Received awards at the regional and state levels, competed at nationals in 2018

California FBLA State awards:

3rd Place in Network Design (2019)

3rd Place in Database Design and Applications (2018)

8th Place in Computer Problem Solving (2017)

Skills

Languages

Java, Python, JavaScript/Node.js, C++, SQL, Bash, HTML/CSS, Scheme, Golang, Swift

Technologies and Frameworks

AWS (EC2, Lambda, Fargate, S3, CloudWatch), React.js, Expo, Vue.js, Flask, Django, Express.js, OpenCV