

Chris Tian

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Education

University of California, Irvine, Irvine, CA

expected 2019–2023

Pursuing B.S. in Computer Science

Henry M. Gunn High School, Palo Alto, CA

2015–2019

GPA: 3.7/4.1

ACT: 36/36

SAT II Math: 800/800

SAT II Physics: 760/800

Relevant Coursework:

- Multivariable Calculus
- AP Computer Science (5 on AP test)
- AP Calculus BC (5 on AP test)
- AP Physics C (4 and 4 on AP tests)
- AP Macroeconomics and Microeconomics
- Engineering Technology

Experience

Software Engineering Intern, Anomali Inc., Redwood City

Summer 2018

- Explored and improved upon machine learning/Big Data threat detection software
- Created a data analysis tool using Eclipse Vert.x, Vue.js, WebSockets
- Analyzed data sources of up to 27 TB in size using Apache Spark and Databricks

Summer Intern, Teachly Inc., Remote

Summer 2017

- Translated mockups into functional and responsive pages
- Built API endpoints while working with Ember.js, Ember-data, Sequelize, and Postgres
- Practiced Agile development with Jira, GitHub, Slack

Freelance, Remote

January 2017–May 2018

- Worked with a YouTube personality with several 50k+ subscriber channels with 70+ million views
- Created automatic video creation Python scripts
- Managed Linux servers for scheduled video rendering and upload tasks

Activities

Gunn Robotics Team

August 2017–present

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–present

Vice President of FBLA Competition Strategy

- 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–present

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

State awards:

- 3rd Place in Network Design (2019)
- 3rd Place in Database Design and Applications (2018)
- 8th Place in Computer Problem Solving (2017)

Gunn Engineering Club

August 2017–present

- Helped build and program an electronic bulletin board for student information
- Coordinated club meetings, began planning on electric golf cart project

Gunn Varsity Badminton Team

Spring 2015–present

USA Computing Olympiad

August 2015–present

Currently a Silver division contestant