

# Zachary Zhao

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## WORK EXPERIENCE

### Genentech Inc., Oceanside, CA — *Automation Engineer Intern*

June 2018 - September 2018

Designed and implemented a user-friendly code review interface to make software review process 20% more efficient with AutoIT

Gathered technical requirements from users and built a document management tool to save time and reduce human error when protocol documentation is updated

Developed a Javascript web service for a secure proof of concept for the use of Alexa in site manufacturing activities

### Genentech Inc., Oceanside, CA — *Manufacturing Technician*

June 2017 - September 2017

Improved manufacturing process efficiency by streamlining equipment cleaning

## LEADERSHIP EXPERIENCE AND ACTIVITIES

### UCLA Esports League of Legends — *Student Athlete*

Support player for UCLA JV, PACG, and AVGL teams

### Florence Robotics FRC Team 1758 — *Captain*

Led engineering team in regional competitions using C++ and Java

Taught junior members (little to no coding experience) C++ and Java through original content, demonstrations, and code reviews

Coordinated fundraising and community outreach activities with local organizations

### Wilson High School Academic Challenge Team — *Captain*

Led team to place 1st in four regional competitions and 2nd in two state competitions

### Wilson High School Tennis Team — *Captain*

Coached teammates and coordinated practices and matches

## PROJECTS

### UPenn Engineering and Robotics

Designed, wired, and coded controllable and autonomous robots to perform tasks with C++ and CAD software

### Programming Academy Google Android App Development

Designed and implemented various Java-based Android API apps

### AT&T IoT Hackathon

Designed and created an autonomous robot companion

## EDUCATION

### UCLA - BS Computer Science

Expected Grad June 2021

GPA: 3.5/4.0

Alpha Lambda Delta National Honor Society Scholar

### Wilson High School

Graduated May 2017

GPA: 4.0/4.0

## FLUENT IN

C++

Java

Javascript

Python

AutoIT

## COURSEWORK

Data Structures & Algorithms

Computer Organization

Software Construction Lab

Logic Design of Digital Systems

Discrete Structures

Operating Systems

## OTHER SKILLS/INTERESTS

Esports

Git

Data Structures

Robotics