

# Ravi Riley

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## CRESCENTA VALLEY HIGH SCHOOL

La Crescenta, CA | 2016 - 2020

### EXTRACURRICULARS

- Founder and President of Ping Pong Club
- President of Future Business Leaders of America (FBLA)
- Vice President of Math Competition Club
- Link Crew Leader
- CO.ACT Club CAD Creator
- Culture Club Presenter
- Rubik's Cube Club
- Glendale Environmental Coalition Youth
- CAD Leader of FRC Team 589 Robotics
- CV Enterprises Founding Member

### ATHLETICS

- Varsity Cross Country (16:48 3 mile)
- Varsity Track (2:04 800m, 4:57 1600m)
- JV Volleyball

## EXPERIENCE

### INTOOLOVATION, INC. | PROTOTYPING ENGINEER AND WEB DEVELOPER

June 2018 – Present

- Turning conceptual ideas into real products with Computer Aided Design software
- Using 3D printing to prototype patented inventions
- Design, development, maintenance, and content creation for intoolovation.com for the sale of Intooolovation's products

### FREELANCE 3D PRINTING & CAD | 3D PRINTING & DESIGN SPECIALIST

July 2016 – Present

- Founder of an on-demand 3D printing and CAD/3D modeling/design business
- Sale of products I design and fabricate
- Designing custom products tailored to customers' needs
- 500+ orders

### FRC 589 ROBOTICS | TEAM MEMBER, CAD AND DESIGN TEAM LEADER

January 2016 – Present

- Led the design process from initial conceptualization to producing detailed CAD
- Created fabrication drawings, renders, and CAD of 3 different robots
- Worked on prototyping, design, testing, systems integration, and electronics subsystems
- Helped the team win the Engineering Inspiration Award and the Chairman's Award

### CV ENTERPRISES

June 2018 – Present

- Helped to found a software freelancing company at Crescenta Valley High School
- Manage team communications with Slack
- Teach AP Computer Science students topics in Java

## SKILLS

### PROGRAMMING LANGUAGES LANGUAGES

### 3D PRINTING HARDWARE

### 3D PRINTING SOFTWARE

### COMPUTER AIDED DESIGN

### INTERPERSONAL

Java, Python, HTML, CSS, Javascript, Ruby, C#

English, Chinese (Mandarin)

Construction, maintenance, and operation of any FDM 3D printer

Simplify 3D, Cura, Meshmixer, Netfabb

Autodesk (Inventor, Fusion 360), OpenSCAD, SketchUp

Leadership, Public Speaking, Presentation, Teamwork, Communication

## **AWARDS**

### **COMPUTER PROBLEM SOLVING TOP 10 FINALIST FUTURE BUSINESS LEADERS OF AMERICA (FBLA) | FEBRUARY 2019**

Recognized for achievement on an assessment of computer problem solving ability

### **SCHOLAR ATHLETE VARSITY CROSS COUNTRY, TRACK, AND VOLLEYBALL | 2016, 2017, 2018, 2019**

Recognized for maintaining a 3.5 or higher GPA while participating in a sport; received six times total in Cross Country, Track, and Volleyball, and received the Highest GPA Award twice