

Ravi Riley

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CRESCENTA VALLEY HIGH SCHOOL

GPA: 4.3 | SAT: 1490 (99th percentile) | La Crescenta, CA | 2016 - 2020

EXTRACURRICULARS

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

ATHLETICS

- Varsity Cross Country
16:48 3 mile
- Varsity Track
2:04 800m, 4:57 mile
- 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 Intoolovation'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, CAD, systems integration, testing, and electronics subsystems
- Helped the team win the Engineering Inspiration Award and the Chairman's Award

CV ENTERPRISES | COMMUNICATIONS MANAGER AND WEB DEVELOPER

June 2018 – Present

- Helped to found a software freelancing company at Crescenta Valley High School
- Manage team communications with Slack
- Development and maintenance of company website
- Worked on a software development class curriculum that was approved as an honors course by the board of education

SKILLS

PROGRAMMING LANGUAGES

Java, Python, HTML, CSS, Javascript, Ruby, C#
English, Chinese (Mandarin)

HARDWARE

Troubleshooting, configuration, and repair of laptops, printers, PCs, etc.

3D PRINTING HARDWARE

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

3D PRINTING SOFTWARE

Simplify 3D, Cura, Meshmixer, Netfabb

COMPUTER AIDED DESIGN

Autodesk (Inventor, Fusion 360, 123D), OpenSCAD, SketchUp

INTERPERSONAL

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

AP SCHOLAR WITH DISTINCTION

Awarded to students who average a minimum of 3.5 on all their AP exams and score 3 or more on at least five of them.