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: Chinese 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 & WEB DEVELOPER — June 2018 – Present

- Turning conceptual ideas into real products with Computer Aided Design software — intoolovation.com
- 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 AND DESIGN SPECIALIST — July 2016 – Present

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

FRC 589 ROBOTICS | DESIGN TEAM AND CAD TEAM LEADER — January 2016 – Present

- Led the design process from initial conceptualization to producing detailed CAD — cvrobots.com
- 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 | WEB & SOFTWARE DEVELOPER, SYSADMIN, COMMS. MANAGER — June 2018 – Present

- Helped to found a software freelancing company at Crescenta Valley High School — cventerprises.org
- Worked on a software development class curriculum that was approved as an honors course by the board of education, growing the team to over 35 members
- Manage team communications with Slack, GitHub, and Trello, & teach GitHub, Git, Java, etc. to students
- Lead developer and maintainer of company website and private server system administrator

SKILLS

PROGRAMMING	Java, Python, HTML, CSS, Javascript, Ruby, C#, Bash scripting, UNIX terminal
LANGUAGES	English, Chinese (Mandarin)
TECH SUPPORT	Troubleshooting, config., repair of computer/office/network hardware & software
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

GLOBAL YOUTH CHINESE LANGUAGE CHALLENGE 1ST PLACE Essay Competition | May 2016
I won the competition with my essay against teenagers up to 18 and both native and non-native Mandarin speakers.

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

AP CAPSTONE DIPLOMA
Awarded to students who pass the AP Capstone Seminar and Research exams along with at least 4 other AP exams.

AP SCHOLAR WITH DISTINCTION May 2019
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.

COMMENDED NATIONAL MERIT SCHOLAR Sept 2019
Awarded to the top 2.2% of students demonstrating exceptional academic promise.

SCHOLAR ATHLETE Varsity Cross Country, Track, and Volleyball | 2016, 2017, 2018, 2019, 2020
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.