Ryan Borchetta

(661) 803-1578

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Skills

Autodesk Inventor, Maya, Fusion 360

DSS Solidworks

Siemens NX

Blender

Logic Pro X

Adobe Photoshop, Illustrator, InDesign, Premiere, After Effects

MS Word, Powerpoint, Excel

Python, Java, Javascript, HTML/CSS

Mac/Windows/Linux

Robotics Design

Machining/Shop Proficiency

3D Printing

Creating complete business proposals and pitches/presentations

Education

University of Southern California
Iovine and Young Academy
Bachelor of Science - Arts, Technology, and the Business of Innovation
May 2023

Loyola High School of Los Angeles
Magna Cum Laude
June 2019

Awards and Honors

- AP Scholar with Distinction
- National Merit Scholar Commended Student
- Loyola High School Award for Computer Science
- 2019 FIRST Tech Challenge State Division Finalist, Team Captain
- 2018 FIRST Tech Challenge World Finals

Experience

- **USC Viterbi School of Engineering, Fall 2019 - Present**
  USC Racing Formula SAE Team
  Chassis/Suspension Design Subteam
  Design, manufacturing, and validation of critical vehicle components

- **University of Southern California, Summer 2019**
  Makerspace Technician
  Assembly, setup, and testing of shop labs and equipment

- **FIRST Robotics, 2015 - Present**
  FIRST Robotics Competition and FIRST Tech Challenge
  FRC Team 3408 Captain/Mentor, FTC Team 9804 Captain

- **USC Michelson Convergent Science Initiative, Summer 2018**
  Kuhn-Hicks Lab
  Research Intern
  Cancer data visualization and interactive, patient-facing web design

- **BillWhittle.com YouTube Channel, Summer 2016**
  Video Editor, Graphic Designer