

Conrad Jensen

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Education

Vanderbilt University | Nashville, TN

August 2018 – Present

Major: *B.S. in Mechanical Engineering* | Overall: 3.85/4.00 GPA | Major: 4.00/4.00 GPA

Expected May 2022

Intended Minors: *Computer Science and Engineering Management*

Related coursework: *Calculus II, Multivariable Calculus, General Physics 1 & 2, Statics, Programming and Problem Solving (Java)*

Involvement: Climbing Club, Sailing Team, Vanderbilt Aerospace Design Lab

St. Francis High School | La Cañada, CA

August 2014 – May 2018

4.4/4.0 GPA, 35 ACT

Cum Laude, National Honors Society, National AP Scholar, California Scholastic Federation

Involvement: President of Science Research Club, LINK Crew Leader, Robotics, Cross Country, 75+ hours of service for the destitute

Project Experience

Vanderbilt Aerospace Design Lab | Vanderbilt University

September 2018 – Present

Website Engineer (150hrs) – vadl.org

- Used HTML, CSS, and JavaScript to program the team's website for the NASA Student Launch Competition
- Presented design updates and integrated feedback
- Created, redesigned, and approved a logo for the team and this year's t-shirt design using GIMP (image editing software)

Ukulele Build | Vanderbilt University

October – December 2018

Team Lead

- Modeled parts using Fusion 360 (CAD) to be laser cut and 3D printed, and assembled a functioning ukulele
- Created schematics for the fabrication and assembly of the ukulele
- Delegated work to group members and facilitated their understanding of design

In The Flesh, Student Production | Belmont University

October – November 2018

Key Production Assistant

- Accommodated actors and assisted the crew in their roles; refreshed set between takes as needed
- Positioned props, set up lighting, and camera equipment for each shot

Work Experience

TransAstra | Los Angeles, California

Summer 2017

Website Designer

- Designed a website using GoDaddy for Dr. Joel Sercel Ph.D. who leads the creation of asteroid mining technology
- Created unique written content describing the purpose and functions of Trans Astra's technologies
- Designed the layout and graphics for the website using GoDaddy

Western Scientific Company | Valencia, California

Summer 2016, Summer 2018

Microscope Technician

- Repaired microscopes including electrical systems repair
- Performed preventative maintenance including cleaning objective and eyepiece lenses

Skills & Leadership

Leadership: *Eagle Scout* – 2017, *Summer Science Teacher* at M.E.N.D. – 2013, *LINK Crew Leader* at St. Francis – 2016-18, "Journey to Space" *Class Assistant* at Chandler School – Summer 2018

Technical: CAD (SketchUp and Fusion 360), Building PCs, Java, Python, HTML, CSS, JavaScript, Excel, Word, Photoshop, GIMP

Applied: MIG Welding, Angle Grinder, Soldering, Rolling Carbon Fiber, 3D Printing

Community Service (Total \approx +200hrs): Piece by Piece, Door of Hope, Ascencia Homeless Shelter, Midnight Mission, Lake Avenue Community Outreach, Villa Esperanza, Children's Hospital, M.E.N.D., Ronald McDonald House, and various Eagle Projects