Jacob Robert Evans

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https://www.linkedin.com/in/jacobevansje

PROFILE

Senior mechanical engineering student with excellent interpersonal skills, proficiency in controller design, programming languages and the design and analysis of mechanical components using SolidWorks. Seeking entry into a controls, mechatronics, robotics and/or otherwise similarly related engineering position.

EDUCATION

Portland State University   **Class of 2020**
Bachelor of Science, Mechanical Engineering   Portland, OR
GPA: 3.85

Portland Community College   **Winter 2014 – Summer 2018**
                                                                                                       Portland, OR

TECHNICAL SKILLS

Software: MATLAB, LabView, SolidWorks, Maple, MS Excel, MS Word, MS PowerPoint, MS Outlook, R Studio
Manufacturing: 3D Printing, End Mill, Lathe, General Shop Tools and Procedures
Equipment: Gyroscopes, Accelerometers, Servos, Stepper motors, Actuators, Pressure Gauges, Calipers, Micrometers, Function Generators, Oscilloscopes, Multimeters

EXPERIENCE

PSAS – Portland State Aerospace Society   Portland, OR   **September 2020 - Present**
Liquid Fuel Engine and Liquid Fuel Engine Test Stand Design and Fabrication Team
- Design, manufacture and test a liquid fuel engine and liquid fuel engine test stand designed to produce 6kN of thrust.
    Personal Responsibilities: Create prototype solid model, high pressure and cryogenic temperature piping and instrumentation diagramming, prototyping, machining, computational fluid dynamic analysis, detailed documentation and report writing.

Revivewell   Portland, OR   **April 2017 – Present**
Personal Trainer   (541) 505-1793
- One-on-one interaction with clients to develop and implement a customized fitness and nutrition regiment that helps the client to lose weight, get stronger, improve physical performance or maintain their health.

Vigor Works   Clackamas, OR   **April 2016 – April 2017**
Nuclear Quality Control   (503) 653-6300
- Responsible for the purchase, calibration and maintenance of more than 1000 tools, used within the nuclear program.