PIERRE SALADINO

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EDUCATION

Post Baccalaureate Program, Computer Science – Oregon State University, Corvallis OR **[3.75 GPA]** (Present)

B. S. Mechanical Engineering - Washington State University, Pullman WA **[3.4 GPA]** (May 6 2017)

Associate of Art – Skagit Valley College, Mount Vernon WA (Aug 2014)

Associate of Science in Physics – Skagit Valley College, Mount Vernon WA (Dec 2013)

Relevant Skills and Coursework

•Proficient in Solidworks 4+yrs, including FEA analysis, Simulation, Injection Molding, Sheet Metal Forming

•Experience in mechatronics systems including programming PLC boards, Arduino, and C/C++ Programming

•Knowledge in CNC machining, 3D printing PLA and SLA, 3D design modeling/testing, Prototyping, Stress Testing

•Design experience from start to finish, from design to 3D printed prototypes, to finished CNC machined product

•Excellent mechanical aptitude from 10+ years of automotive mechanical work

•Experience in SQL, VBA, Excel, and Assembly Language with MASM

•Experience in collaboration of different groups including Electrical Engineers, Test & Reliability, Manufacturing Eng

Previous/Current Employment

Product Engineering Technician, Aug 2017 – Present

Intel. Hillsboro, OR

•Collaborate with Multiple Engineering groups to resolve complex nonstandard assignments with narrow or broadly defined parameters. This requires a high degree of judgement and initiative in resolving problems.

•Collect and evaluate operating data to conduct on-line equipment adjustment and ensure process optimization.

• Other responsibilities include operations, the improvement process, peer training, troubleshooting nonstandard events and reviewing technological health and stability

Technical Assistant, January 2016 – April

Institute for Shock Physics, Pullman, WA

•Assisting Engineers in the preparation of Dynamic loading, shock wave, and high pressure experiments

•Securing/opening the breech and replacing materials in the target chamber

Mechanical Engineer Internship, May 2016 – August 2016

Institute of Shock Physics, Pullman, WA

•Update and convert drawings for components used for the experiments conducted in the ISP Impact Facility; including new designs with associated drawings of components for the 3” launcher, and other components needed in the laboratory.

• Package and calibrate new pressure transducers. Design parts to integrate the pressure transducers into samples presses. Calibrate the pressure range for each press and ensure correct operation.