

William Jacob Pohle

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Florida State University
Bachelor of Science, Mechanical Engineering
Estimated Graduation Date: May 2017
GPA: 3.36

Northwest Florida State College
Associates of Arts
Graduation Date: May 2015
GPA: 3.35

Research Experience:

High Performance Materials Institute, Tallahassee, FL

September 2015 – May 2016

Project: Development of a process to infuse Triboluminescent crystals into a glass fiber composite with the aim of developing materials with built in damage monitoring capabilities.

Responsibilities:

- Utilization of the DFD process to create a Polystyrene & ZnS:Mg foam allowing for impregnation of the ZnS:Mg crystals between glass fiber layers.
- Mechanical testing to determine if the process used has any adverse effect on the properties of the composite material.
- Analysis of data obtained through mechanical testing.

School Projects:

- Sounding Rocket – Intercollegiate Rocket Competition
- Baja Race Buggy – Society of Automotive Engineers
- Torsion Testing Apparatus for nonstandard specimens
- Walking Boot Testing Device
- Automated Outdoor Dog Feeder

Work Experience:

Norfolk Southern, Fort Wayne, IN

Mechanical Engineering Intern:

May 2016 – August 2016

- Managed repair shop employees and supervised repair work.
- Inspection of damages caused by minor and major train derailments.
- Created new Lockout-Tagout procedures for shop equipment and tools.
- Handled contractors and vendors as part of daily duties.

Walmart, Crestview, FL

Inventory Management Systems Associate:

June 2013 – January 2015

- Maintained and corrected store wide stock levels as part of a 7 person team.
- Efficiently trained new associates including lower level management on backroom processes.
- Oversaw and signed for regularly scheduled bulk goods deliveries.
- Minimized accidents as part of the Quick Response Team during high traffic sales events.

Garden Center Associate:

May 2012 – June 2013

- **Awarded employee of the month in May 2013.**
- Received and unloaded live plant deliveries, lawn care, landscaping, and propane deliveries.
- Handled care of live inventory.
- Company certified power equipment operator with forklift, scissor-lift, electric pallet jack, and electronic walking stacker skills.
- Personally ensured quality training and education of new Garden Center Associates.

Freelance work:

Web developer:

- Part of a team of developers creating a website for “The Custody Project” a nonprofit which seeks to help single mothers relocate.
- Main developer in a small group which designed and built the Crestview High School Website in (2012).

Professional Certifications:

CIW Associate Design Specialist
Certiport IC3

Previously Held Certifications:

Adobe Systems Incorporated Flash CS5
Adobe Systems Incorporated Dreamweaver CS5

Skills and other Experience:

- Experience with Matlab and ProEngineer 2.0.
- Extensive use of HTML 4, CSS 5, PHP, LaTeX, and some experience in C.
- Basic skills in operation of machining equipment limited to end mills and lathes.
- Minor vehicle restoration skills. (Personal 1973 VW Beetle and KZ650)