

PATRICK R. CASE

15245 SW Petrel Ct.
Beaverton, OR 97007

(503) 679-9504
casepa@engr.orst.edu
www.patrick-case.com

Objectives:

Product design engineer: creative product design and new product development team lead

Employment:

Armstrong World Industries, Inc.

Project Engineering Intern

March '08 – September '08

- Optimized natural gas usage in plant processes as part of a project to save approximately \$10,000/month
- Designed and supervised installation of numerous safety guards to protect production technicians
- Specified and supervised installation of two-ton crane for ease of maintenance on machinery

Boeing Commercial Airplanes

777 Freighter Structures Design Engineering Intern

April '07 – September '07

- Designed approximately 100 parts for 777 Freighter Body Integration
- Coordinated parts with stress analysis and manufacturing engineering to ensure structural rigidity and proper fit
- Investigated existing engineering problems on airplanes under construction

Acumed, LLC

Product Engineer Intern

June '06 – September '06

- Redesigned and organized Locking Elbow Plate System for international distribution
- New product research, development and design for manufacturability
- Coordinated pricing, drawings, and specifications of product trays with outside vendors for new product lines

Education:

Pursuing B.S. in Mechanical Engineering

Oregon State University Class of 2009

Cumulative GPA: 3.72

Honors:

Pi Tau Sigma Honor Society

Alpha Lambda Delta Honor Society

University Honor Roll

Coursework:

Engineering: CAD/CAM/CNC Programming, Precision Measurement Instrumentation, Thermodynamics, Fluid Mechanics, Material Strength Analysis, Dynamics

Computer Skills: LabVIEW, CATIA V4/V5, SolidWorks, COSMOSWorks, Inventor, AutoCAD, EdgeCAM, CNC programming, rapid prototyping, all Microsoft Office tools

Other Activities:

Playing the bagpipes, member of Portland Metro Pipe Band, cooking, and traveling

References:

Takwe Yango

Armstrong World Industries, Inc.

Project Engineer

tyango@armstrong.com

(541) 397-7660

Takwe was my mentor and oversaw many of my projects at Armstrong. In addition to supervising my work, he and I worked on some projects together.

Sam Sugiyama

Boeing Commercial Airplanes

777 Freighter Fuselage Team Leader

sam.k.sugiyama@boeing.com

(425) 342-8701

Sam was one of my mentors at Boeing and personally showed me many of the aspects of the company, as well as providing me with very interesting projects.