

Vince Nientimp

Objective Seeking a full-time leadership role in engineering management. A strong leader with technical know how who can guide multiple multi-disciplinary teams concurrently.

Education *B.S., Ocean and Aerospace Engineering*
Virginia Tech, May 2017
GPA: 3.2
P.M.P. Certification in Process

Curriculum Highlights	<i>Programming Skills</i>	<i>Relevant Courses</i>
	NX 3D Modeling, Drafting, and FEA	Probability and Statistics
	AutoCAD	Statics and Structures
	Rhino 6 and Orca	Thin-Walled Structures
	GHS	Dynamics
	Femap & NEi Nastran	Computational Methods
	Programming in C++ & JAVA	System Dynamics and Control
	MATLAB and Mathematica	Operational Methods
	Microsoft Office (Excel Proficiency)	Economics

Experience **Project Manager & Naval Architect** May 2016 - Present
Ocean5 Naval Architects, Stuart FL

- Work directly with the NPD teams of large OEM's like Cobalt, SeaRay, Regal, and KCS Cruisers to develop new products from concept inception to market.
- Develop entire mill-ready tooling packages using NX – while following production schedule and hitting deadlines.
- Perform weight studies, performance prediction, structural analyses, and compliance calculations for all new product development.
- Provide detail design and engineering support for Seakeeper's application engineering.
- Design powertrain – gear ratio, propeller, and rudder sizing/selection
- Engineer composite and aluminum structures to customer safety factors using 2D methods and validate using Finite Element Analysis.
- Ensure each vessel was compliant to the appropriate standards – using ISO, ABS, NMMA, ABYC, USCG, and DNV regulations.

Engineering Intern Dec. 2015 – Jan. 2016
Tartan Yachts, Fairport Harbor OH

- Oversaw improvements of CNC routing and manufacturing processes.
- Communicated with builders and provided solutions to warehouse logistics issues.
- Streamlined procedures and minimized raw material waste.

Engineering Intern May 2015 - August 2015
Ingalls Shipbuilding, Pascagoula MS

- Used Finite Element Programs to perform structural and modal analysis.
- Provided support to Senior Engineers – specifically which Nastran parameters to use for an analysis on a Destroyer's superstructure.
- Studied fabrication methods and optimized the processes.
- Solved problems in manufacturing using engineering judgment.