

Jason S. Frifeldt

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OBJECTIVE:

Seeking full-time engineering employment with a trusted company striving for quality, safety and positive community impact.

EDUCATION:

University of Hawaii, Manoa (Expected Graduation Date: May 2014)

Mechanical Engineering, Bachelor's of Science

- Major GPA: 3.40 / Cumulative GPA: 3.14
- Deans List: Spring 2012
- Relevant Courses: Heat Transfer, Applied Thermal Engineering, Material Selection, Thermodynamics, Applied Thermodynamics, Dynamics of Machines and Systems, Computer Methods in Engineering, Mechanics of Solids, Mechanics of Fluids

Punahou School (Graduated June, 2010)

PROJECTS:

- Formula SAE Vehicle (Senior Design collaborative class project)
- Applied Thermal Engineering (HVAC) Final Team Project
- Hydrodynamic Study of Swimming Propulsion (Mechanics of Fluids class project)
- Design/Build of Fine Bubble Aerator for use in Swimming Hydrodynamic Study

RELEVANT EXPERIENCE:

Chevron Kapolei Refinery (June 2013-August 2013)

Engineering Design Team Intern

- Design, and procure equipment for a chemical injection system
- Communicate system specifications and installation through Engineering Work Order
- Coordinate system installation with contractors and Chevron personnel
- Comply with Environmental, Chevron, and ASME standards

AMEC Environment & Infrastructure (July 2008-July 2011)

Administrative Assistant

- Assist Engineers in proposal completion and assembly
- Assist Project Manager with Project Procurement, RFPs, and RFIs
- Assist in maintaining project files and data entry for company invoices

WORK, LEADERSHIP & ACTIVITIES:

Applied Thermal Engineering (Introduction to HVAC) (Current)

Team Lead

- Create and update Management By Objective (MBO) as a means of assigning tasks and tracking progress for class assignments
- Manage Project Leads to ensure projects and homework are executed per the MBO

Rainbow Warrior Racing; UH Formula SAE Team (Current)
Drivetrain Subsystem Lead

- Direct design tasks to Drivetrain members
- Implement Decision Making Matrices for subsystem components selection

American Society of Mechanical Engineers (ASME) at UHM (Current)
Vice-President

- Mission: To provide students studying Mechanical Engineering with opportunities to network with professionals and peers
- Organize Professional Info Sessions and Tours
- Oversee the organization of club fundraisers and events

Facilities Management Committee of Campus Center Board (2012-2013)
Appointed Chair

- Facilitate discussions and decisions to collectively improve the facilities utilized by students, faculty, staff and the community
- Current Projects:
 - Re-furnish Hemenway Hall Courtyard and Campus Center Forum by creating a vision, researching options, working with supervisors in contacting vendors with RFQ and planning/oversight of installation

University of Hawaii College of Engineering (Current)
Events Volunteer

- Lead tours of the College of Engineering for those considering enrollment
- Selected for a Student Panel in which we shared our experiences in transitioning into the College of Engineering to those expressing interest in studying engineering

Competitive Swimming (2001-2011)

TECHNICAL SKILLS:

- AutoCAD
- Solidworks
- MatLab
- Microsoft Word
- Excel
- Power Point
- Studying for LEED Credential

GENERAL SKILLS:

- Able to work well in groups or independently
- Excellent problem solving skills
- Quality through hard work and dedication
- Great written and verbal communication skills