



AILANI ŌPŪNUI

MECHANICAL SERVICE ENGINEER

CONTACT

Ailani@email.com 

(123) 456-7890 

Kailua-Kona, HI 

[LinkedIn](#) 

[Twitter](#) 

[GitHub](#) 

EDUCATION

Bachelor of Science
Mechanical Engineering
Hawaii Pacific University
2000 - 2004
Honolulu, HI

SKILLS

Budgeting
Technical Report Writing
Detail-oriented
Research Skills
Analytical
Mathematics
Organized

CERTIFICATIONS/ LICENSES

Certified Manufacturing
Engineer (CMfgE)
Certified Systems Engineering
Professional (CSEP)
Digital Manufacturing and
Design Technology

CAREER SUMMARY

Dedicated and innovative mechanical engineering professional with a wealth of experience and success in driving projects. Seeking a challenging and career-advancing position as a Mechanical Service Engineer for CACI.

WORK EXPERIENCE

Mechanical Service Engineer

Symbrosia Inc.

2016 - current / Kailua-Kona, HI

- Collaborated with engineering and production teams to improve 17+ existing products through the development of improved manufacturing methods and efficient product flow
- Optimized seaweed production by over 18% by reducing process steps and increased crop-to-feed yield ratios
- Ensured fit, form, and function for 39 client projects while meeting specifications with short turnaround times
- Increased efficiency by 8% using Oracle ERP software to assign materials and determine operational steps
- Gained knowledge of farming and harvesting processes by designing multiple new containers and storage for 11 existing product lines

Mechanical Engineer

Peter R. Thom and Associates Inc.

2009 - 2016 / Maui Meadows, HI

- Created 43+ engineering and design analyses with presentations for major liability cases
- Generated 3D models, drawings, mockups, and associated documentation for over 82 cases
- Performed failure analysis for 17 product liability cases that yielded over \$12 million in damages and penalties
- Created, and maintained 530+ engineering procedure documents

Mechanical Engineer Level 1

W.M. Keck Observatory

2005 - 2009 / Waimea, HI

- Reduced maintenance costs by 52% by overseeing a routine service program for all operating equipment
- Increased uptime for all electronic equipment by 21% by performing inspections to identify problems before breakdowns could occur
- Executed project turnover and closeout activities on 33 successful projects for the installation of electronic and optical equipment