JOHN WHITWORTH

(907) 887-9645 JOHNWHIT@ICLOUD.COM

EDUCATION

Stanford University

M.S. in Mechanical Engineering

2016 - now

Cumulative GPA: 3.95

Mechatronics Depth & Product Realization Breadth

Boeing Scholarship for Mechanical Engineering

B.S. in Mechanical Engineering

2012 - 2016

Cumulative GPA: 3.80

BP Alaska Principal's Scholarship 2016 Stanford Award of Excellence

President of Stanford Outdoors

Residential Assistant in Four-Class Dorm

EXPERIENCE

Stanford Product Realization Lab

june 2016 - now

Teaching Assistant

Supervise and advise students in Stanford's maker lab Coach a small group of students in a Design and Manufacturing course

Stryker Sports Medicine

june - sept. 2015

Research & Design Intern

Designed and developed prototypes for a novel hip arthroscopy product Planned, ran, and analyzed experiments on RF ablation probe tips

SKILLS

Rapid Prototyping, CAD Modeling (SolidWorks), CAM Programming (HSMWorks), FEA, Manual & CNC Machining, Sand Casting, Mechanism Design, Mechatronic Engineering, DFM, HCI Design, Programming (C, Matlab, Python, Web, iOS), Digital Design Prototyping, Outdoor Skills Instruction, Tinkering