

JOHN WHITWORTH

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EDUCATION

Stanford University

M.S. in Mechanical Engineering 2016 – now

Cumulative GPA: 3.81
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

Tinkering, Rapid Prototyping, Outdoor Leadership, HCI, DFM,
Manual Machining, CNC Milling, Casting, CAD (SolidWorks),
CAM (HSMWorks), Programming (Matlab, Python, Web, iOS, C),
Design Thinking, Digital Design Prototyping (Sketch & Marvel),
Mechatronics, Mechanism Design, Rock Climbing Instruction