

Peter Sauer

BS MECHANICAL ENGINEERING
& COMPUTER SCIENCE
PURSUING MASTERS IN ROBOTICS

OBJECTIVE

I have been a passionate engineer and computer scientist since my early high school years. I am currently working to build up my robotics skills through a masters in robotics. I aim to find a summer internship in which I can expand my knowledge of one or both areas and gain technical expertise.

CONTACT

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REFERENCES

KENT GUNDLACH

Vice President at PIKE Technologies
Phone: 608-274-2721
Email: gundlach@piketech.com

ELIK DVORKIN

Chief Technology Officer at
Presco Inc.
Phone: 920-858-0360
Email: dvorkin@prescoinc.com

DAVE ELSMO

Hoofer Sailing Program Manager and
Sailing Team Advisor
Work Phone: 608-265-8453
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WORK EXPERIENCE

SOFTWARE DEV INTERN @ PIKE TECHNOLOGIES

Summer 2019

Primarily worked on automating a coating process using the 861 Deposition Controller by Telemark. Also added wireless connectivity to a temperature control module and programmed a web application to display temperatures plotted over time.

MECHANICAL ENGINEERING INTERN @ PRESCO INC.

December 2018 - August 2018

Designed and built a prototype device to automatically dynamically change the height of a baseball tee as balls are hit off of it. Project involved designing hardware in solidworks, firmware for the electronics and building an android app to connect to the device wirelessly.

STUDENT WORKER @ GRAINGER DESIGN INNOVATION LAB

Spring 2019

Aided professors and grad/undergrad students in rapid prototyping processes like 3D printing, lasercutting and CNC routing.

SAILING INSTRUCTOR @ NORWALK YACHT CLUB

Summer 2016 - 2018

Taught children (ages 7-17) and adults how to sail. Worked with small groups of all levels to teach safety, sailing fundamentals, boat set up and racing strategies.

SKILLS

PROGRAMMING LANGUAGES

Java (With Android Experience)
Ruby
Python
Objective C (With iOS Experience)
Javascript, CSS, HTML

CAD MODELING

SolidWorks
Autodesk Inventor

DESIGN

Adobe Illustrator
Adobe Photoshop

EDUCATION

UNIVERSITY OF WISCONSIN MADISON

2016 - Present

Pursuing Masters in Robotics

UNIVERSITY OF WISCONSIN MADISON

2016 - Present

GPA 3.2/4 | BS in Mechanical Engineering, Minor in CS

STAPLES HIGH SCHOOL @ WESTPORT, CT

2012-2016

GPA 3.9/4.5 | National Honor Society | National Merit Scholar | Design Innovation Award

EXTRACURRICULARS

WISCONSIN SAILING TEAM CAPTAIN

2019 - Present

WISCONSIN SAILING TEAM MERCHANDISE CHAIR

2018 - 2019

UW MADISON FORMULA SAE MEMBER

Fall 2016