

# RICHARD AUSTIN SUVARI

1241 Maple Ave • Evanston, IL 60202 • 847-721-3866 • austinsuvari@gmail.com

## EDUCATION

2019-Present

### University of Wisconsin-Madison College of Engineering

Madison, WI

GPA: 3.31

**Sophomore Year** – ME 313: Manufacturing Processes, COMPSCI 220: Data Programming I, ME 240: Dynamics, Math 320: Linear Algebra and Differential Equations, MS&E 350: Introduction to Materials Science, EMA 201: Statics, INTL ST 101: Introduction to International Studies

**Freshman Year** – Chem 103/104: General Chemistry I/II, ILS 205: Western Culture: Political, Economic, and Social Thought 1, Math 234: Calculus -- Functions of Several Variables, ME 201: Introduction to Mechanical Engineering, ME 231: Geometric Modeling for Design and Manufacturing

2015-2019

### EVANSTON TOWNSHIP HIGH SCHOOL (ETHS)

Evanston, IL

GPA: 4.235 (weighted)

**Senior Year** – AP Chemistry/Physics 4, AP BC Calculus AP, AP English Literature + Composition AP, AP Spanish Literature + Language 2, Project Lead The Way (PLTW) Digital Electronics & Arduinos, Personal Finance/Business, Management, Competitive Sports/Fitness

## EXPERIENCE

Spring 2021 - Present

### UNIVERSITY OF WISCONSIN

Madison, WI

#### *Polymer Engineering Center Lab Technician*

- This job required I become lab trained and proficient with operating numerous technical polymer processing equipment. Including but not limited to, shear rheometer, Extrudex Single Screw Extruder, Boy XS Injection Molder, Formech Thermoforming Machine, and Formlabs 3D printer. My ability to quickly learn allowed me to be a key lab technician that could operate a high number of machines, unique for an undergrad of my age.
- I was required to be proficient with Solidworks 2020. My proficiency in this program allowed me to model and simulate a number of different parts that were used for our experiments.
- I was required to help analyze raw data into meaningful information. This skill features my ability to synthesize complex information.

Summer 2018-2020

#### *Sailing Instructor*

Evanston, IL

Summer 2017

#### *Open Water Lifeguard*

Summer 2018

Red Cross Lifeguard/First-Aid/CPR/AED-trained member of 150-person staff

- This job required that I maintained constant situational awareness to react to any emergency that may arise. Highlighting my ability to be vigilant while doing my work.
- During this job I taught patrons how to operate, assemble, disassemble, and fix Barnett 1400's, Catamaran's and sunfish sailboats. This aspect of the job reflects my ability to engage with others and teach in a variable environment.
- This job made me responsible for managing the waterfront safety of all Evanston residents boating, diving, sailing, and swimming along the City's 3.0 miles of lakefront shoreline. Maintaining and upholding the rules and regulations set by the City over a 5 square mile body of water was no easy task, but shows my unwavering commitment to not back down from a hard job.

### NORTHWESTERN UNIVERSITY

Evanston, IL

#### *Segal Design Institute Summer Intern*

Member of graduate student-run research and design group focused on products for patient rehabilitation

- Collaborated with Physical Therapists to design a walker, for partial paralysis spinal cord injury victims, that tracks the rehabilitation process. This aspect of my internship allowed me to showcase my creative design solutions that met strict specification parameters.
- Explored other unique design solutions, while optimizing a user experience that met our clients needed design criteria. The aforementioned aspect of my internship displays my knowhow of sourcing information from other work and integrating it into my work.

## EXTRA CURRICULARS

TIDE: The Inclusivity, Diversity, & Equity Task Force for Collegiate Sailing MCSA Representative 2020-present

UW-Madison Sailing Team Member 2019-Present

UW-Madison Badger Aviators Club 2019-Present

UW-Madison Engineers Without Borders Member 2019-Present

ETHS Varsity Sailing Team, Member and co-captain 2015-2019

ETHS Swim Team, Member – Freshman Team 2015, JV Team 2016-2019

ETHS Water Polo Team, Member – Freshman 2015, JV 2016, Varsity 2017-2019

Wildkit Swimming Organization, Swim Instructor 2016-2019

ETHS-Northwestern University Kits and Cats Day – annual STEM program, Participant 2015-2019 ETHS

AutoCAD Modeling Club, Member 2016-2019