# Spencer D Schoenberg

# spencrr.github.io

262.707.6978 spencer.schoenberg@wisc.edu github.com/spencrr

#### **EDUCATION**

# University of Wisconsin-Madison

SEPT 2019 - DEC 2021 (Expected)
BS Computer Science, Data Science
GPA 3.94 - 95 Credits

# Cedarburg High School

SEPT 2015 - JUN 2019 GPA 4.17 - 32 Credits

# Milwaukee School of Engineering

SEPT 2018 - FEB 2019 GPA 3.25 - 6 Credits - Early College Credit Program

# Stanford University

JUN 2018 - AUG 2018 GPA 3.81 - 11 Credits - Computer Science Intensive

#### **EXPERIENCE**

# Software Engineering Intern — Johnson Controls

JUNE 2020 - PRESENT

Developed Python-based Binary Image Builder Tool Improved Jenkins and Docker CI DevOps System Effectively Collaborated in Agile Scrum Team

#### **EXTRACURRICULARS**

# AI @ UW — Artificial Intelligence Club

SEPT 2019 - PRESENT

## FIRST Robotics — Team 3197

SEPT 2015 - JUN 2019

Qualified for World Championships 2018, 2019

Introduced Git SCM and Travis CI Testing

Implemented OpenCV Pipeline on Raspberry Pi Coprocessor

Utilized Various Sensors including Ultrasonic and LIDAR

## MIT Zero Robotics — CHS Coding Club

SEPT 2017 - JUN 2019

Collaborated with Teams Internationally

ISS Finalists 2018, 2019

# BSA Troop 830 — Senior Patrol Leader

AUG 2017 - MAR 2018

Led Troop of 35+ Scouts at Troop Meetings and Events

#### **SKILLS**

#### Languages

Java, JavaScript/TypeScript, Python, C/C++

### **Full Stack Development**

HTML/CSS/JS, Node.js, Vue.js, Bootstrap, REST, MongoDB, GraphQL

#### Tools

Git, UN\*X, npm, Visual Studio Code, Eclipse

#### **AWARDS & AFFILIATIONS**

UW-Madison Dean's List

**BSA Eagle Scout** 

FIRST Robotics Dean's List Semifinalist

MIT Zero Robotics World Champions

National AP Scholar

National Honor Society Member

Silicon Valley Innovation Academy

Stanford Computer Science Intensive

#### **MENTORSHIPS**

### FIRST Robotics Team 3197 — Student Mentor & Software Team Lead

SEPT 2017 - JUN 2019

Introduced Students to Object Oriented Programming in Java and C++

#### CHS Coding Club — Student Mentor

SEPT 2017 - JUN 2019

Mentored Elementary and Middle School Students Learning MIT Scratch and Java

#### CHS Star Center — Tutor

SEPT 2018 - JUN 2019

Tutored Calculus, Chemistry, Computer Science, and Physics Students