

Spencer D Schoenberg

spencrr.github.io

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

EDUCATION

University of Wisconsin—Madison

SEPT 2019 - DEC 2021 (Expected)

BS Computer Science, Data Science

GPA 3.56 - 123 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