Spencer D Schoenberg

spencrr.github.io

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github.com/spencrr

EDUCATION

University of Wisconsin–Madison
SEPT 2019 - DEC 2022 (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