

Spencer D Schoenberg

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EDUCATION

University of Wisconsin-Madison

SEPT 2019 - MAY 2021 (Expected)

BS Computer Science, Mathematics (Cryptography)

GPA 4.0 - 78 Credits (120 req)

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

EXTRACURRICULARS

AI @ UW — Artificial Intelligence Club

SEPT 2019 - PRESENT

FIRST Robotics — Team 3197

SEPT 2015 - JUN 2019

Introduced Git Version Control Management Strategy

Implemented OpenCV on Raspberry Pi Coprocessor

Utilized various Sensors including Ultrasonic and LIDAR

Qualified for World Championships 2018, 2019

MIT Zero Robotics — CHS Coding Club

SEPT 2017 - JUN 2019

Collaborated Internationally

ISS Finalists 2018, 2019

Central WI Math League — CHS Math Team

SEPT 2015 - JUN 2019

LEADERSHIP

Software & Control Team Lead — FIRST Team 3197

SEPT 2016 - JUN 2019

Team Captain — CHS Coding Club

SEPT 2017 - JUN 2019

Percussion Section Leader — CHS Marching Band

JUL 2016 - JUN 2017

National Youth Leadership Training — BSA

JUN 2016

SKILLS

Languages

Java, JavaScript/TypeScript, Python, C++

Full Stack Development

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

Tools

Git, UNIX, npm, Visual Studio Code, Eclipse

AWARDS & AFFILIATIONS

UW—Madison Dean's List

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

Kumon — Math & Reading Instructor

Accelerated K-12 Students' Proficiency in Reading and Mathematics

CHS Coding Club — Student Mentor

Mentored Elementary School Students Learning MIT Scratch

Mentored Middle School Students Learning Java

CHS Star Center — Tutor

Tutored Calculus, Chemistry, Computer Science, and Physics Students

FIRST Team 3197 — Student Mentor

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