

# Spencer D Schoenberg

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## EDUCATION

### University of Wisconsin—Madison

SEPT 2019 - DEC 2021 (Expected)

BS Computer Science, Data Science

GPA 3.48 - 108 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, UNIX, 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*