Christian Scarlett

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Education

Massachusetts Institute of Technology	Cambridge, MA

Electrical Engineering and Computer Science (6-2) | July 2022

GPA: 5.0

Northern State University	Aberdeen, SD

Undergraduate Chinese Certificate | May 2018

GPA: 4.0

Aberdeen Central High School	Aberdeen, SD

High School Diploma | May 2018

GPA: 4.3 ACT/SAT: 35/1520

Experience

Milwaukee Electric Tool Corporation	Brookfield, WI

Electrical Engineering Intern (One-Key) | January, June-August 2019

- Began firmware development for an IoT chip running Zephyr RTOS using GPS and LTE for location tracking.
- Created a PC application for other engineers to communicate with their tools using the Open-Link protocol over BLE and USB.

CREATE Aberdeen Makerspace	Aberdeen, SD

Operations Intern | May 2017-August 2018

- Designed & taught electronics, coding, and robotics classes, including three coding bootcamps.
- Organized 2 Startup Weekends, heading logistics, funding, and recruitment.
- Increased social media engagement 120%. Class enrollment increased 50%.
- Gained skills in 3D printing, microcontrollers, Raspberry Pi, CNC, CAD, and woodwork.

Silicon Plains, LLC	Bismarck, ND

IT Intern | July 2016

- Provided on-site and remote software, computer, and server setup and maintenance for ~40 businesses in the Bismarck area.
- Created weekly diagnostic reports and maintained relationships with ~20 clients.

Projects/Activities

MIT Music Production Collaborative

Social/Publicity Chair

- Plan events to foster the relationship between the club and music production community in the Boston area.

MIT Motorsports, FSAE

EE/Business Team

- Designed and reviewed PCBs for the battery management system.
- Designed new team website.

National Honor Society

President

- Created AP tutoring program for students in need.
- Organized bi-weekly meetings and fundraisers for local charities, managing ~30 members.

Chinese Club

Founder, President

- Introduced new high school Chinese language classes.
- Organized weekly activities including calligraphy, paper cutting, cooking, and cultural fair trips.

Awards

Presidential Scholar Candidate, National Merit Finalist, Intel Excellence in Computer Science Award, Frederick Douglass & Susan B Anthony Award in Humanities. FBLA: Cyber Security, Networking, Finance, Entertainment Mgmt

Skills

Python, C/C++, Arduino, social media, problem solving, asking questions, candidness