

Daniel Blittschau

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I believe in using technology in practical ways to improve people's lives.

Education

2017 – present St. Louis University High School - Graduation in May 2021
4.451 GPA; 36 on the ACT
Multiple computer classes including C++, Java, and AP Computer Science
Scored Perfect 5 on AP Computer Science Exam

Experience

2017 – present SLUH Hack Club

2020 – present President of SLUH Hack Club
Regularly participate in college and high school level hackathons
Skills: JavaScript (Node.js and front-end) and Python

2017 – present SLUH Robotics Team (FRC Team 5176)

2020 – present President and Electronics/Programming Leader of SLUH Robotics
2018 – 2020 VP and Electronics/Programming Leader
Skills: Java programming, Electronics system architecture

2018 – present Co-founder of TechMech STL

Provides technical services to Saint Louis area, including web design and general consulting

2017 – present The Clavius Project @ SLUH

2020 – present President of the Student Board and Mentor
Mission: Provides both mentoring and instruction of EV3-based robotics and Python to inner-city middle schoolers of St. Louis

Summer 2018-20 Worked with SLUH IT Department

Built RFID-based Access Control Security System using Python
Upgraded the school's admissions application portal (Drupal/PHP)
Assisted with 2020 planning with COVID-19 in mind (fitting classrooms with Zoom technology)

Skills

Linux fluency and administration skills with all major distros and virtualization environments

- Built and maintain enterprise-grade Homelab and home network
- Emphasis on Virtualization, Private Key Infrastructure, and Cryptography

General Networking theory including VLANs, routing, DHCP, and DNS

- Experienced with pfSense, Ubiquiti, EdgeMax, and other networking products
- IPv6 Sage Certification from Hurricane Electric

Languages: JavaScript (Node.js), Python, Java, PHP

Accomplishments

April 2020 Achieved the rank of Eagle Scout

February 2020 Placed third at UMSLHack (out of 20 college teams) for creating a COVID-19 contact tracing app

July 2018 Earned "Best Startup" award at Hack Chicago 2018