Brendan Chermack

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EDUCATION

Saint Cloud State University   **St. Cloud, MN**
Bachelor of Science, Computer Science - GPA: 3.81   *Graduation Date: May 2026*
- Organizations: Computer Science Club (President)

LANGUAGES & TECHNOLOGIES

Languages: C++ | Python | C# | JavaScript | HTML | CSS | Java

Technologies: React | Express | MongoDB | JQuery | SQLite | SCSS | APIs | Node.js | Automation | AI | IT

PROJECTS

SCSU x OSI Hackathon | Python | GitHub
- Participated in a competition to address the unused solar energy by creating a software to sell excess power stored in batteries back into the power grid
- Solved the problem of unrecognized power usage by designing and implementing an object oriented software solution to analyze large datasets
- Created a comprehensive README.md file for the project, detailing its objectives, methodology, and workability, to facilitate collaboration and ensure efficient project management
- Estimated to reduce wasted renewable power by 25%, utilizing more solar power while making a profit for both the customer and power company

Twitter Bot | Python | GitHub
- Automated tweeting, retweeting and direct messaging through implementing a Python-based Twitter bot
- Utilized extensive documentation provided by Twitter to fully understand the capabilities and limitations of the API
- Implemented natural language processing techniques to analyze tweets and respond accordingly
- Automatically writes IDs seen/used to a JSON file to not repeat what tweets were looked at or replied to, preventing overload on Twitter's API

WORK EXPERIENCE

Army National Guard   **St. Cloud, MN**
Signal Support Systems Specialist   *September 2021 - Present*
- Mentored a group of 9 soldiers on technology setup and use for communication with air crafts during medical emergencies
- Ability to build, troubleshoot and repair computers systems 55% faster than my peers
- Optimized network performance and seamless connectivity through programming Cisco routers and switches

CERTIFICATES

Secret Security Clearance   *December 2021 - Present*
- Ability to have access to classified national security information