

James Sokoll

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CAREER SUMMARY

Adaptable, Versatile and extremely detail oriented with a strong background in electronic engineering. Computer science, and any and all technology driven problem-solving. Experienced in both Hardware and Software troubleshooting, automating processes, and analyzing data. Improving and optimizing workflows and getting maximum efficiency proficient. Adept at working in fast-paced environments and collaborative environments. Passionate about technology and excited to be in the field that never stops learning and growing to find innovative solutions and streamline processes to improve life.

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, Node.js, R, HTML, CSS, JavaScript, TypeScript, C++
- **Database Systems:** MySQL, SQLite
- **Data Modeling & Logic Programming:** Relational Algebra, Query Optimization
- **Development Tools:** Visual Studio, VSCode, Git, React
- **Operating Systems:** Windows, macOS, ChromeOS, iOS, Linux
- **Cloud Computing:** Google Cloud, Apple iCloud, Outlook, OneDrive
- **Productivity Tools:** Calendar, Word, PowerPoint, Excel

RELEVANT EXPERIENCE

Senior Computer Science Research Coordinator

Autism Origin Laboratory, Queens, NY | May 2024 - Present

- Pioneered and designed procedures for hardware and software testing on infants as part of an autism sleep study, maintaining and optimizing testing protocols.
- Accurately processed and analyzed extensive datasets, contributing to research papers involving tens of thousands of patient records.
- Created scripts for converting brain imaging file types, improving data accessibility and usability.
- Facilitated project meetings to provide updates and collaborated with engineers from external organizations to enhance project outcomes.
- Designed scripts to organize and manage multiple terabytes of data files, streamlining data handling and retrieval processes.
- Troubleshoot and resolve hardware and software issues using custom scripts and diagnostic tools, ensuring reliability in testing protocols.
- Coordinated and lead meetings to ensure progress and assist technical teams and to communicate with non-technical teams effectively.

EDUCATION

Queens College, Queens, NY — Bachelors Degree in Computer Science | December 2024

Queensborough Community College — Associates of Applied Science in Electronic Engineering | May 2021

Clubs: Girls Who Code, Code.ReSolve(), and Queens College Chess Club