

# JOEL SEIDEL

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## SOFTWARE DEVELOPER/SOFTWARE ENGINEER

*Full-stack Software Development | System Architecture (Development and Administration)*

- Four years of experience developing software on several platforms including Android, Windows, Web, and Linux server.
  - Extensive public speaking, technical writing, team programming, and training environment experience
  - Extensive expertise in database management and administration in both local and cloud based data systems
- ✓ Agile Project Management
  - ✓ Custom Web and Mobile Applications
  - ✓ Custom Windows Desktop Applications
  - ✓ Database Programming
  - ✓ Public Speaking
  - ✓ Server-based Scripting Tools
  - ✓ Software Development Lifecycle (SDLC)

## TECHNICAL EXPERTISE

**Programming:** C# | C/C++ | Java | PHP | HTML5 / CSS3 | JavaScript | REST APIs | Bootstrap | Microsoft Azure

**Operating Systems:** Linux operating system (Arch, Archbang) | Microsoft Windows | Android

**Databases:** MySQL/MariaDB | SQLite | Microsoft SQL Server

**Project Management:** Slack | Jira | Git | Microsoft Visio | G Suite Administration | Microsoft Office | Office 365

## PROFESSIONAL EXPERIENCE

**MAVERICK SYSTEMS** | University Park, PA

**April 2018 – Present**

### Co-Owner/Lead Developer

Co-owner of a startup company based out of State College, PA. Lead developer and systems architect designing a server-based supply chain management system using an HTTPS server backend data system written in Java and a frontend web interface using HTML5/CSS, JavaScript, PHP, and Bootstrap

- Manage and lead a 5-person development team as well as handling company financials and internal systems
- Developed and implemented a Java-based HTTPS server backend data system to provide secure and light-weight access to our database
- Developed and implemented an efficient and secure MySQL/MariaDB database to manage a high volume of records and traffic.

**EAST PENN MANUFACTURING** | Lyon Station, PA

**May 2018 – Present**

### Inventory Control Technician

Ensured validity of internal inventory of second largest lead oxide battery manufacturer in the world. Extensive work with East Penn's internally-developed inventory management system and off-the-shelf manufacturing software Glovia

- Partnered with plant department supervisors and plant supervisors to adjust inventory amounts and locations to match actual stock and locate missing inventory.
- Generated effective reports from the inventory management system to facilitate inventory placement and efficiency.
- Partnered with purchasing department to verify purchase order receiving records and vendor invoicing
- Utilized mainframe based inventory management system software

## EDUCATION

**THE PENNSYLVANIA STATE UNIVERSITY** | State College, PA

**2017 – Present (Class of 2021)**

Pursuing: Bachelor of Science, *Computer Science*, and Bachelor of Economics, *Macroeconomic analysis*

**BERKS CAREER AND TECHNOLOGY CENTER** | Leesport, PA

**August 2014- June 2017**

Advanced score on NOCTI exam for IT/Programming and Management Information Systems

Developed schoolwide fundraising management application which is still in use after my graduation