

# SAMUEL WEIMER

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## SOFTWARE APPLICATIONS DEVELOPER

Strategically minded Software Applications Developer with experience designing appealing and practical user interfaces, application logic, and database architecture that feature robust functionality and customized components. Collaborates cross-functionally to ensure requirements are met and users have positive experiences.

## TECHNOLOGY

JavaScript | HTML | CSS | Oracle SQL | Adobe ColdFusion | Python | Java | C | C++ | Node  
PHP | Vue | React | jQuery | Spring Boot | Bootstrap | VS Code | Git | Tortoise SVN  
Toad Oracle Client | Oracle SQL Developer | Microsoft SQL Server | Google Cloud Platform

## CORE COMPETENCIES

Software Development Life Cycle (SDLC) | Problem Solving | Critical Thinking | Time Management  
Cross-functional Collaboration | Agile Software Development | Continuous Integration/Continuous Deployment

## PROFESSIONAL EXPERIENCE

**Corning Incorporated**, Corning, NY

February 2022 – January 2024

### Software Applications Developer

Created robust software applications with practical user interfaces using Bootstrap and CSS in well-structured HTML pages. Developed efficient backend with JavaScript, ColdFusion, and SQL for behavior and data handling.

- Updated and maintained 100+ existing applications with over 10,000 users to preserve compatibility with newer versions of software and programming languages.
- Refactored metrics reporting pages to reduce load times by over 50% and enhance user experience.
- Collaborated with process engineers to strategically plan a high-impact, multi-user request system for laser cutting projects and a robust API to create and retrieve requests externally from application, engaging with engineers throughout development life cycle to align with evolving requirements.
- Implemented robust functionality for client-side and server-side interactions with custom components for navigation menus, typeaheads, and interactive tables using Vue.js 2 and jQuery 3 frameworks along with AJAX requests and ColdFusion 21 to allow consistent and portable features in over 100 applications.
- Handled data validation, entry, and management through custom logic, existing validation engines, and secure CRUD operations written with ColdFusion 21 and Oracle SQL.

**CS Recitations**, Natick, MA

September 2021 - Present

### Programming Tutor

Tutor 20+ middle through high school students in Python, Java, JavaScript, and HTML.

- Teach core concepts of programming languages including object-oriented programming, inheritance, polymorphism, data encapsulation, and abstraction.
- Adapt lesson plans to tailor toward each student's individual levels.
- Design curricula to ready students for ACSL contests, AP courses, exams, and programming competitions.

**Weld WISE**, Rochester, NY

January 2024 - Present

### Software Application Developer

Develop a testing application hosted on a custom web server created from a repurposed desktop PC.

- Implement server setup using Cloudflare, Docker, Nginx Proxy Manager, and Java Spring Boot, showcasing technical competency in server configuration and ability to quickly learn new software.
- Create Python script utilizing Cloudflare API to dynamically update DNS table records when IP changes.
- Design React web application for testing users on welding and manufacturing knowledge.
- Integrate database with Microsoft SQL Server for managing user accounts and generating test questions.

## EDUCATION

**Bachelor of Science, B.S.**, Computer Science, December 2021

Binghamton University, Binghamton, NY