

# ADAM SCHOENFELD

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## EDUCATION

### University of Michigan

Ann Arbor, MI

*Bachelor of Science in Computer Science*

April 2022

Relevant Coursework: Data Structures and Algorithms, Applied Linear Algebra, Computer Security, Computer Vision, Software Engineering, Web Systems, IoT Hardware and Coding, Human Centered Software Design

## SKILLS

*Languages:* C#, Python, JavaScript, C++, C, HTML/CSS, SQL

*Frameworks & Tools:* .NET Framework, ASP.NET, Git, AWS, Entity Framework, Bootstrap, jQuery, Zephyr RTOS

*Areas of Expertise:* Full-Stack Development, Software Testing, CI/CD, UI/UX Design, Database Development

## WORK EXPERIENCE

### The Climate Registry

Los Angeles, CA

*Software Engineering Intern*

March - June 2025

- Delivered full-stack solutions combining server-side ASP.NET rendering with client-side JavaScript for responsive, data-driven applications using Entity Framework and SQL Server
- Architected comprehensive logging system capturing application errors, user interactions, HTTP requests, and structured log data with custom administrative dashboard featuring advanced filtering and search capabilities
- Developed multiple data visualization dashboards to track organizational edit histories, user activity metrics, and inventory status including Excel export functionality for workflow enhancement for both admins and users
- Enhanced application UI/UX through responsive design improvements, real-time data updates without page refreshes, and redesigned forms using Bootstrap and jQuery

### Brizo Bar and Restaurant

Los Angeles, CA

*Server*

May 2023 - Present

- Demonstrate excellence in consultative sales through product knowledge and relationship building
- Consistently exceed sales targets through strategic recommendations and upselling
- Manage multiple concurrent client relationships while maintaining high satisfaction ratings

### TalentAlgo, Inc.

New York, NY

*Software Engineering Intern*

April - September 2019

- Developed and implemented machine learning clustering algorithm processing 1,500+ user attributes to power recommendation engine
- Engineered data pipeline for model training, integrating SQL database extraction with Python-based cleaning and preprocessing
- Leveraged scikit-learn and HDBSCAN to achieve 40% improvement in user engagement with recommendations

## PROJECT EXPERIENCE

### Playnite Plugin Suite ([GitHub](#)) | C#, .NET Framework, WPF

September 2024 - Present

- Architected and maintain multiple high-impact plugins for Playnite using C# and .NET Framework serving thousands of users
- Implemented robust error handling and logging systems to facilitate debugging and maintenance
- Designed intuitive UI/UX using WPF .NET, resulting in high user adoption and positive community feedback
- Managed full software development lifecycle including requirements gathering, implementation, and user support

### Desktop Display ([GitHub](#)) | C, Python, Zephyr RTOS

March - April 2025

- Developed embedded application for Arduino using Zephyr RTOS to display system statistics on an LCD screen
- Implemented cross-platform serial communication protocol between desktop and microcontroller with automatic reconnection and message verification

### QueueBot & Queue Monitor ([GitHub](#)) | Node.js, JavaScript, GroupMe API

July - November 2021

- Built full-stack solution for employee schedule management, combining chatbot functionality with web interface
- Implemented real-time queue monitoring system enabling self-service schedule management

### EasyTuya ([GitHub](#)) | Python, Tuya Cloud API

October 2020 - May 2021

- Developed Python wrapper library for Tuya IoT API, simplifying device automation development
- Created comprehensive documentation and examples enabling rapid developer onboarding
- Built abstraction layer reducing complex IoT interactions to simple Python commands