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

PROJECTS

Playnite Plugin Suite (1000+ Active Users) | C#, .NET Framework, WPF   **September 2024 – Present**
- Architected and maintain multiple high-impact plugins for Playnite game library management software, serving over 1000 active users
- Implemented cross-application communication system enabling automated game launches and companion app management
- Designed intuitive UI/UX using WPF .NET, resulting in high user adoption and positive community feedback
- Integrated internationalization support using Crowdin, enabling localization across 30+ languages

Decorative Logging (Open Source) | Python   **August 2024 – Present**
- Developing a Python library that streamlines development workflows through automated function logging
- Implemented decorator pattern to provide non-invasive code instrumentation and debugging capabilities

Personal Portfolio Website | Python, Flask, AWS, SQLite, HTML5, CSS3   **February – March 2022**
- Created a portfolio website using a Python backend with Flask and SQLite3 to highlight my projects, experience, and abilities in a functional, expandable, and visually appealing format
- Hosting the website on AWS using elastic beanstalk

QueueBot & Queue Monitor | 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
- Reduced administrative overhead by automating schedule change request handling

EasyTuya | Python, Tuya Cloud API   **October 2020 – May 2021**
- Designed and maintained a highly capable, user-friendly, open-source Python module to allow easy programmatic interaction with the Tuya IoT web API, enabling developers to interact with their IoT devices through Python in any way from simple commands to the creation of complex automation scenarios

WORK EXPERIENCE

TalentAlgo, Inc.   **New York, NY**
Software Development 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
- Collaborated with product team to iterate on implementation based on stakeholder feedback and performance metrics

Brizo Bar and Restaurant   **Los Angeles, CA**
Server   *May 2023 – Present*
- Demonstrated strong communication and problem-solving skills in fast-paced environment
- Managed multiple concurrent customer interactions while maintaining high service quality

SKILLS

Languages: Python, C#, JavaScript, C++, SQL, Java, HTML/CSS
Frameworks & Tools: Git, .NET Framework, AWS, Flask, Docker, Node.js
Areas of Expertise: Full-Stack Development, Unit Testing, CI/CD, Test Automation, UI/UX Design, Machine Learning