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# ILHAN Aspiring Software Engineer

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## Projects

### Bug Tracker / Full Stack Developer

PRESENT / Language: C#, ASP.NET Core, SQL

Working on designing a ticket-based bug tracker web application powered by ASP.NET Core Baseline. Currently documenting a Software Requirement Specification (SRS) to conceptualize task schedules and design features.

### PixelCiv / Backend Developer

Spring 2019 / Language: Python, JavaScript, Scala

Collaborated with a group of three students to design a Massively Multiplayer Online Game (MMO) inspired by the strategy video game, Civilization.

Implemented backend server using Scala and Python TCP server to allow cross-platform communications handling real-time interactions. The desktop application runs on Electron Chromium browser engine that can communicate with multiple web applications.

### West Side Bazaar Facebook Page / Facebook Marketer

Spring 2019 / Language: Facebook Analytics

Collaborated with a group of three engineering students to design a Facebook page for the local vendor business owner at West Side Bazaar to increase their social media awareness. The newly added features include an online menu and ordering forms.

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## Work Experience

### University at Buffalo / Libraries Student Assistant

August 2022 - PRESENT, Buffalo, New York

Working at university libraries to deliver physical and scanned document resource loans and assist patrons locate resources around the library.

Maintained working knowledge of library ILLiad resource sharing management software to perform massive scale stacks searching and resource management.

### Republic of Korea Army / Battalion Signaler & Squad Leader

December 2020 - July 2022, Incheon, South Korea

Led a squad of six signallers to coordinate daily tasks as tech support concerning software installations and full formats to battalion office branches.

Performed maintenance and operation of communication radio systems including PRC-999K and PRC-96K during field training.

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## Education SUNY University at Buffalo / Bachelor of Science in Computer Science

Expected May 2024, Buffalo, New York

Member of UB Association for Computing Machinery (ACM) & Experiential Learning Network (ELN).

Maintained strong knowledge of foundational algorithms and data structures and their application to Software Development.