




# EMRE BENGU

Team-oriented individual committed to personal growth, seeking an internship to enhance my skills and apply my academic knowledge.

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## WORK EXPERIENCE

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### Junior Engineer

September 2023 – Present

Department of National Defence

- Led the migration of a map initially created in Microsoft Visio to Qualiware, leveraging the DNDAF Framework to enhance efficiency and accuracy.
- Worked on developing a survey website using JavaScript, designed to retrieve data from multiple Excel spreadsheets; implemented features for storing respondent data in an SQLite database.

### Enterprise Architecture

May 2022 – April 2023

Statistics Canada

- Utilized Sparx Enterprise Architect to create various intricate models, diagrams, and reports, effectively conveying architectural principles and facilitating informed decision-making processes.
- Performed regular maintenance tasks on Sparx Enterprise Architect software, assuming an administrative role to manage user accounts, both past and present. Ensured smooth operation and user management for optimal utilization of the software platform.
- Streamlined product analysis process by designing a comprehensive PowerBI report and creating a PowerApps application. Facilitated detailed drill-down view for enhanced examination of data on Excel sheets.

## TECHNICAL SKILLS

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- **Languages:** Java, Python, HTML/CSS/JavaScript, C++, SQL.
- **Frameworks:** Express JS, ReactJS, Tailwind CSS, Flask.
- **Tools:** Burp Suite, Git, Linux, VS Codium, VMs, Shell Scripting, Qualiware, Power BI, Power Apps, Jira.

## PROJECTS

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- **Portfolio Website:** Designed and developed a dynamic personal website leveraging HTML5, ReactJS, and Tailwind CSS, showcasing a fully responsive design that delivers an exceptional user experience across all devices.
- **Client-Server TCP Chat:** Developed a sophisticated TCP chat application in C++ enabling real-time communication between users through the implementation of TCP sockets, demonstrating proficiency in network programming and client-server architecture.

## EDUCATION

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**Honours BSc Computer Science with CO-OP**  
University of Ottawa

September 2020 – December 2024

- **Relevant Courses:** Data Structures and Algorithms, WWW Structures, Techniques and Standards, Operation Systems, Introduction to Data Communications and Networking, Design and Analysis of Algorithm.

## LANGUAGES

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- **English** - Native or Bilingual Proficiency
- **Turkish** - Native or Bilingual Proficiency
- **French** - Professional working Proficiency