

AHMAD SOBOH

(+1) 343-987-7790

asobo058@uottawa.ca

linkedin.com/in/ahmadsoboh

ahmadsoboh.org

Skills

Languages: Python, JavaScript, Java, C++, SQL, HTML/CSS

Technologies: Git, Django, React.js, Next.js, Docker, MongoDB, Node, MySQL, Firebase, Tensorflow, Jenkins, Quip

Professional Experience

Ford Motor Company

Ottawa, ON, Canada

Software Engineer Intern

January 2024 - April 2024

- Successfully **engineered a beta site**, designed to illustrate and give internal teams information regarding vehicle software updates. (Django | React.js)
- Entrusted in increasing company-wide UAT usage for the FordPass/Lincoln Way apps, achieving a remarkable **20% increase** in usage, and then **presented my work to the head of UAT Engineering**.
- Conducted advanced software issue resolution processes by implementing preemptive triage strategies, resulting in a concise **software issue resolution process**. (Jira | Confluence)
- Led pivotal software updates to vehicle modules, enhancing system reliability and performance using numerous internal tools and CI/CD pipelines. (Jenkins | QUIP)

MASV Inc.

Ottawa, ON, Canada

Software Engineer Intern

May 2023 - August 2023

- Engineered both the **front-end and back-end components** of a comprehensive Admin site, now extensively utilized by all employees to access critical client information and **decreasing time to resolve tickets by 25%**. (Vue.js | MASV API)
- Provided support for prestigious multi-million-dollar clients, achieving **rapid issue resolution** for companies like Fifa, John Deere, etc.
- Led the successful **rollout of software upgrades for the Admin site**, managing the process to **prevent merge conflicts** and guaranteeing smooth integration.

Projects

KalimArabi - Artificial Intelligence Tutor (TensorFlow | Google Cloud Speech-to-Text | Open-AI API | JS | HTML | CSS)

- Built an AI Personal Tutor that taught spoken Arabic, implemented TensorFlow models for speech recognition, resulting in a **30% improvement** in speech recognition accuracy.
- Contributed to the development of custom NLP pipelines for dialectal variations, enabling precise comprehension of regional Arabic dialects resulting in a **99% accurate dialect translation**.
- Utilized Google Cloud Speech-to-Text API to develop real-time speech-to-text functionality, enabling seamless communication.

Encrypted - Cyber Security Web Development (JS | CSS | HTML)

- Developed an application allowing users to create chat rooms and send **encrypted messages, photos, and files** to one another with **256 bits of packet data** using an encryption algorithm.
- Ensured data integrity and authenticity by using **end-to-end encryption and digital signatures**, to prevent Man in the Middle attacks.

urCartWrapped (JS | CSS | HTML)

- Developed a Chrome extension designed to **efficiently scrape web pages**, enabling users to monitor their online spending habits.
- Provides a comprehensive overview of expenditure over designated periods, offering valuable insights into financial patterns and helping to manage budgets more effectively.

Education

University of Ottawa

Fall 2022 - Summer 2026

Bachelor's, Software Engineering with CO-OP

GPA: 3.92/4

- Coursework:** Java, Data Structures & Algorithms, Databases, Discrete Structures
- Other:** uOttHack, uORocketry (2022-2023), Intramural's Men's Basketball, Merit Scholarship