

# Tobi Onibudo

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## EDUCATION

### Bachelor of Computer Science, Minor in Economics

Dalhousie University  
Halifax NS, Canada

2021 - Present

Expected: Aug 2025

GPA: 4.15/4.3

## EXPERIENCE

### Full Stack Software Engineer Intern

Dash Hudson

Halifax, NS

Jan 2024 - April 2024

- Developed and Collaboratively implemented three features while resolving **50+** related tickets using **Vue.js**, **Tailwind CSS**, **Flask**, **SQLAlchemy** and various other tools
- Conducted **100+** PR reviews, offered constructive feedback to ensure coding standards and best practices adherence.
- Achieved a reduction in error rates by over **10%** across multiple endpoints by utilizing **Datadog** for thorough investigation and analysis.
- Utilized Jest and Pytest for comprehensive frontend and backend testing coverage, ensuring robustness.

### Junior Software Engineer (Co-op)

NorthBay Solutions

Halifax NS

May 2023 - Aug. 2023

- Developed a full-stack web application that displays SEC filings by companies utilizing **React**, **.NET**, **C#**, **MySQL**, and **RDS**.
- Created and deployed a web scraping script to retrieve data from the USA's SEC website and stored the data within an **AWS RDS** instance using **Python** and **MySQL**.
- Configured a secure cloud server by utilizing **AWS** services and implementing various networking protocols.
- Created a data lake utilizing simulated user data, **Apache spark**, **AWS Lambda**, **S3**, **Kinesis**, **Glue**, **Athena** and **Snowflake**.

### Student Ambassador

Shiftkey Labs

Halifax, NS

Aug. 2023 - Present

- Hosted **20+** tech workshops and information sessions on the latest innovations in the tech Industry.
- Featured as the key note speaker in events on introducing Cloud computing, Prompt Engineering and Computer systems to **30+** students.
- Presented as a key note speaker in a talk about Exploring Social Media and its effects on Mental Health in collaboration with **OneNorthEnd**.
- Organized and coordinated hackathons such as the global game jam and ShiftKey Labs' Generative AI Hackathon each with **100+** students in attendance.

## PROJECTS

**Threads Clone WebApp:** Developed a mirror version of the Meta's Threads app. The project is aimed to replicate the core functionalities of Threads.

Tech Stack: Next.js, MongoDB, TypeScript, TailwindCSS and Git

Link: [Threads clone](#), Repository: [github.com/TobiOnibudo/threads](https://github.com/TobiOnibudo/threads)

**E-commerce Website:** Developed an e-commerce website leveraging meticulously crafted designs and imagery sourced from a comprehensive repository.

Tech Stack: React, CSS, Typescript, MongoDB, Express.js and Node.js

Repository: [github.com/TobiOnibudo/Ecommerce](https://github.com/TobiOnibudo/Ecommerce)

## LEADERSHIP & AFFILIATIONS

### Vice President External

Dalhousie Faculty of Computer Science Society

Halifax, NS

May. 2024 - Present

### Vice President Outreach (Halifax)

COBWEB

Toronto, ON

March. 2024 - Present

## TECHNICAL SKILLS

**Languages & Frameworks :** Python | Javascript | SQL | Java | Kotlin | C | React | Vue.js | Node.js | Express.js | Bootstrap | Flask | Celery

**Tools:** AWS | Azure | Datadog | Shortcut | Docker | Firebase | Git

**Certifications & Awards:** Microsoft Certified: Azure AI fundamentals | Microsoft Certified: Azure fundamentals | AWS Certified Cloud Practitioner | Future Tech Leaders award (Dalhousie University)