

Bahati Lufungula (Idriss)

Full Stack Developer

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OBJECTIVE

Computer Programming and Analysis student currently in the 6th semester at Seneca College, seeking an internship to apply and enhance my programming skills. Eager to contribute to development projects with a keen interest in exploring advanced fields like Machine Learning.

EDUCATION

Seneca Polytechnic, Toronto, ON

Associate Degree in Computer Programming and Analysis, Expected Graduation: October 2024

Relevant Courses: C Programming, C++ Development, Python Fundamentals, Web Development, Database Management, Linux Basics, Cloud Services (Azure & AWS), Robotics, Data Structures and Algorithms (DSA456), Game Engine, Advanced Programming Practices (PR566, PR666).

SKILLS

Languages: JavaScript, TypeScript, Python, C/C++, HTML5, CSS3/SCSS.

Frameworks: React.js, Next.js, Express.js, Redux.js, Node.js, jQuery, GSAP

Databases: Advanced SQL, MySQL, PostgreSQL, Oracle 12c, MongoDB, Hygraph

Cloud Services: Microsoft Azure, AWS, Vercel, Heroku, Netlify

Toolkits: Git & GitHub, Jira, Figma, Adobe Suite, Visual Studio, VS Code, Notion, Canva, WordPress

Additional Skills: Unix/Linux, BASH, Object Oriented Design, UI/UX Design

Languages Spoken/Written: English, French, Swahili, Lingala

EXPERIENCE

Project Work with Peers - HomeServices Hub

Creator & Programmer | Toronto | January 2023 – Present

- Leveraging skills in Next.js, MongoDB, Vercel, GitHub, Clerk Auth, and Notion to develop and enhance project functionalities.
- Link: <https://homeservices-hub.vercel.app>

Enhancing Gameplay Experience in Python

Group Project

- Modified an existing game (game.py) to introduce features like Undo, Redo, Restart, and Animation Control, enhancing flexibility, strategy, and enjoyment.
- Link: <https://www.youtube.com/watch?v=t4GarEjGavY&list=PL5KbXZcv13jGnkwKrxPjqYNFm9Dyw9KES>

PROJECTS

E-commerce App

Sep 2023 – Dec 2023

- Developed a full-stack e-commerce website for entrepreneurs and customers.
- Designed an admin dashboard with full CRUD functionality for product, category, and order management.
- Integrated Stripe for secure payment processing.
- Ensured scalability and efficient database management using Mongoose.
- Utilized Next.js, Tailwind, and API for efficient single application functionality.

Metropolitan Museum App

May 2023 – Jul 2023

- Developed a responsive full-stack interface using React, Next.js, and React Bootstrap.
- Configured SWR for efficient data fetching and created features like “Favorites” and “Search History” using Jotai.
- Implemented user authentication and secure access control with route guards.

PROFESSIONAL DEVELOPMENT

- Currently expanding knowledge in Mathematical Foundations of Machine Learning with technologies like TensorFlow, NumPy, and PyTorch (Udemy).
- Finalist in the 2024 Seneca Hackathon, focusing on designing ‘RENT WITH US’ using Figma for Mock-up.