NICANOR OBASI

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EDUCATION

Toronto Metropolitan University   September 2024 – May 2026
Bachelor of Science, Computer Science Co-op

Relevant Coursework: Artificial Intelligence, Data Structures & Algorithms, Web Development & Web Applications, Database Systems, Operating Systems

Professional Certificates:
- Front-End Engineer Professional Certification | Issued by Codecademy
- Machine Learning | Issued by Stanford Online & DeepLearning.AI

TECHNICAL SKILLS

- Programming languages: C, Python, Java, TypeScript, JavaScript, HTML, CSS/SASS, Shell, SQL, VBA
- Libraries & Frameworks: React, Node.js, Tailwind CSS, Next.js
- Tools & Platforms: PostgreSQL, MySQL, Oracle, MongoDB, Git/Github, Postman, Kubernetes, Docker, Linux, Azure, Netlify

WORK EXPERIENCE

IT Trainee Intern – City Of Toronto   January 2024 – December 2024
- Managed the lifecycle of hardware and software technology assets, including planning, acquisition, deployment, maintenance, decommissioning, and disposal.
- Coordinated with internal and external teams to resolve technical issues, ensuring timely and effective solutions.
- Performed technical troubleshooting of endpoint hardware and software issues, including desktops, laptops, Toughbooks, tablets, thin clients, and security technologies.
- Monitored and maintained access and security of data and infrastructure, ensuring compliance with organizational standards.
- Performed ongoing research and evaluation of existing and emerging technologies to improve service delivery and operational efficiencies.
- Analyzed security vulnerabilities alerts and implemented patches for the Toronto Water application, identifying and resolving monthly potential breaches through detailed log analysis.
- Installed, configured, and maintained various hardware, software, and systems across multiple departments.
- Monitored and maintained access and security of data and infrastructure, ensuring compliance with organizational standards.

PROJECTS

 Projects Portfolio Website | HTML, CSS/SASS, Bootstrap, JavaScript, Netlify

- Engineered and deployed dynamic portfolio website showcasing technical projects and software skills via SASS, Bootstrap, and JavaScript.
- Enhanced site interactivity, responsiveness, and visual aesthetics using advanced JavaScript techniques and libraries.
- Ensured high availability and efficient load times by deploying on Netlify, optimizing for reliability and accessibility.

 MetCash ATM System | Java, Swing-GUI

- Developed secure, user-friendly Java-based ATM GUI, enhancing user experience and transaction security.
- Focused on security and user convenience, integrating robust security measures to protect consumer transactions.

 CogniDocs (In Progress) | Next.js, DrizzleORM, OpenAI API, TypeScript, Stripe API, Tailwind, Gotenberg API, Docker

- Developing an AI-powered document workflow system to automate document handling and processing.
- Integrating OpenAI's LLM API for intelligent text analysis, summarization, and document insights. is it possible to add llm in here to make it better understanding
- Implementing secure payment processing using Stripe API, focusing on security and user convenience to protect consumer transactions.
- Designing a PDF merger web application using Gotenberg API, allowing users to combine multiple PDF documents effortlessly.
- Utilizing DrizzleORM for efficient and scalable database management of user data and documents.

EXTRA CURRICULAR ACTIVITIES

- Toronto Metropolitan Algorithms and Coding Club (TMACC)
- Google AI Hackathon