

Namdar Sadiq

namdarsadiq.vercel.app

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EDUCATION

University of Waterloo / Wilfrid Laurier University

Sep. 2021 - Present

Double Degree, Bachelor of Computer Science / Bachelor of Business Administration

SKILLS

Languages: JavaScript, C, Python, Solidity, Java, HTML, CSS

Tools: TypeScript, NodeJS, React, NextJS, ExpressJS, Bootstrap, Material-UI, Web3/Ethers, Firebase, MongoDB, TensorFlow, OpenAI (GPT-3), NumPy, Pandas, Git, Vercel, Android Studio

EXPERIENCE

Metrolinx, Data Science Intern | Toronto, ON

Jan. 2023 - Apr. 2023

- Utilized BERT to train a multi-class text classification model for analyzing special constable reports, resulting in a 60% improvement in classification accuracy. Employed TensorFlow, Pandas, and Scikit-learn libraries to accomplish this task
- Leveraged Python, Pandas, R, and NumPy to conduct a comprehensive two-year analysis of operations data, identifying network bottlenecks and conducting statistical analyses (e.g., significance testing) to determine root causes of delays. Provided actionable insights to business units, leading to an 8% enhancement in on-time performance.
- Developed a Flask app to facilitate seamless migration from a legacy problem-solving template to a more versatile tabulated format; additionally created a streamlined version using Bottle framework.

ETHGlobal, Hacker | Waterloo, ON

Jun. 2023

- Led a team to develop V-Lance, a web3-based freelancing marketplace aimed at increasing transparency and trust within the freelance industry; won \$5,000 in prizes
- Implemented on-chain verification features using Talent Layer and Ethereum Attestation service, enabling freelancers to build credibility without the need for KYC procedure
- Leveraged Sismo and ZK proofs to verify qualifications, and integrated soulbound NFTs for proof of professional work.

WEB3 Services, Founder | Toronto, ON

Nov. 2021 - ONGOING

- Built over 8 full stack NFT DAPPs which grossed over \$150,000 in revenue across all collections
- Developed, tested, and deployed custom implementations of the ERC-721A interface, lowering gas costs (98th percentile blockchain costs); implemented cross chain functionality to support NFTs across all blockchains
- Engineered NodeJS/ExpressJS backends, and Firebase hosted database for NFT metadata protection
- Built React/NextJS frontends with server-side rendering, botting protection, user verification, and elegantly designed UI/UX

PROJECTS

Lait: NextJS, Typescript, Docker, Tailwind

lait.vercel.app

- Intuitive web application that translates natural language mathematical expressions and scanned equation images into LaTeX code, providing real-time rendering and editing capabilities

CoverLetterGen: Javascript, NextJS, OpenAI, Material-UI

cover-letter-gen.vercel.app

- NextJS app that produces an AI generated cover letter using GPT-3, based on user provided details such as desired position, skills, and experiences

GlitchAzuki: JavaScript, Axios, Ethers, Hardhat, IPFS,

www.glitchzuki.com

- Fullstack NFT minting webapp for minting the GlitchAzuki collection (grossed over \$70,000)
- Developed and tested a custom ERC-721A NFT contract using Hardhat; used Axios to make requests to Ethereum blockchain explorer; hashed NFT metadata through IPFS to provide data to storefronts like OpenSea, LooksRare etc

AWARDS

President's Scholarship of Distinction: University of Waterloo

President's Gold Scholarship: Wilfrid Laurier University