

D. ROMENO WENOGK FERNANDO

wenogk@nyu.edu ❖ wenogk.com ❖ (647)-904-0340 ❖ Waterloo, ON, Canada

EDUCATION

New York University - Abu Dhabi

Sep. 2017 – May. 2021

BSc. in Computer Science

New York, USA and Abu Dhabi, UAE

Conestoga College - Waterloo

Sep. 2021 – Dec. 2022

Post Graduate Certificate in Mobile Solutions Development

Waterloo, ON, Canada

SKILLS Git, Javascript, Python, Node.js, Java, PHP, React, Html, CSS, MySQL, PostgreSQL, MongoDB, AWS, Firebase

PROFESSIONAL EXPERIENCE

Dosh Payment

Jul. 2021 – Present

Full Stack Developer Intern (Remote)

London, England, U.K

- Working on the Dosh Payment REST API on the Node.js, MongoDB stack with AWS and the frontend using React.
- Integrated backend with RazorPay API for secure payments and group payments.
- Wrote detailed documentation of endpoints on Postman.

iGem Foundation

Mar. 2021 – Aug. 2021

Remote Backend Developer Intern

Boston, Massachusetts, United States

- Worked with the Creative Productions team on creating the iGem API in the TypeScript, Express.js, Postgres, Redis, TypeORM stack on AWS with Docker and Gitlab CI/CD deployment.
- Developed and documented endpoints such as geolocating teams using location APIs, deliverable submission endpoints with time-based deadline handlers and redis based submission locking to prevent multiple team member submission overrides **serving 352 university teams around the world.**
- Implemented Live Chat and Live Reaction features **used by 3000+ users** for the Opening Weekend Festival Live Stream event using socket.io and redis with moderation features such as banning and deleting messages.
- Integrated automated testing framework for endpoints using SuperTest, Mocha and Chai.

Spacr

Mar. 2020 – Mar. 2021

Software Engineer (Contract Part-Time)

Dubai, UAE

- Architected the entire backend of a startup company's mobile app that allows people to 'rent' their luggage space in flights including the API endpoints, documentation and database schema in the Express.js, Node.js, MySQL stack.
- Migrated full stack to AWS Elastic Beanstalk **reducing endpoint latency by 83%.**
- Built complete JWT Authorization process with refresh tokens and access tokens.
- Integrated backend to Firebase for FCM Push Notifications, Social Login and Amazon S3 for media uploads.
- Engineered the CI/CD pipeline from testing from sandbox server to deployment in the production server.
- Shipped frontend web admin tool on React to manage users of the app and entries to landing page websites.

Human-Computer Intelligence Lab at NYU Abu Dhabi

May. 2020 – Aug. 2020

Machine Learning Research Intern

Abu Dhabi, UAE

- Developed a native iOS app with Swift to detect emotional state based on user recorded voice notes using CoreML, CoreData and UIKit which was **utilized for an official research study with 300 participants.**

INTERESTS Table Tennis, Karate, Hackathons, UX Design, Electronic Music Creation, Video Editing, Travelling, Cooking
