

EDUCATION

UNIVERSITY OF LETHBRIDGE
Bachelor of Science, Computer Science

Lethbridge, AB, 2019

SOUTHERN ALBERTA INSTITUTE OF TECHNOLOGY
Diploma, Information Technology Systems Security
EXPERIENCE

Calgary, AB, 2021-Present

KETTLE RIVER CONTRACTING

Calgary, AB, January 2022 - Present

Contract Full Stack Engineer and Project Coordinator

- Under supervision of the CTO, launched Operational Insights, Internal Resources and Project Management Web Applications, created utilization metrics which were used in making company operations more efficient. The result was a forecasted 11% reduction in company expenses.
- Researched business development opportunities created by the introduction of the web applications through the use of pre-existing data. All research conducted led to the development of forecasting tools utilized to predict and advise business operation decisions. Those tools resulted in a 35% increase in company wide efficiency.
- Prioritized implementing roadmap to improving previously existing company tools with the goal of making them more user friendly and programmatically efficient. This resulted in an overall positive feedback from the end users resulting in 13% reduced computation time across the application.

NOTABLE PROJECTS

COINWATCH

Technologies: React.JS TailwindCSS NodeJS ExpressJS

Overview: A Yahoo Finance concept dashboard for cryptomarket data, news and trends. This concept, if expanded on even further, would be an asset to the average investor and finance enthusiast looking to monitor cryptocurrency trends in an actionable manner.

SAFEICC (*Pronounced safe-ick*)

(Ongoing)

Technologies: Python OpenCV OCR AIOHTTP PostgreSQL Raspberry Pi 4 Optical Lenses

Overview: A proof of concept on how property crime can be tackled better worldwide.. By implementing programmed cameras at every intersection constantly running and storing vehicle plate numbers that cross the intersections and times they crossed in a database, upon the notification of a stolen vehicle, authorities can query such databases to receive last known locations of the vehicle.

ADDITIONAL INFORMATION

Programming Proficiencies: Object Oriented Programming, Functional Programming, Unit Testing, Efficient Debugging, Linux, Database Modelling and System Architecture.

Programming Languages: JavaScript, C++, C, Python, Elixir, SQL, HTML, CSS, Terraform, Bash script.

Language Proficiencies: Fluent in English, Basic Spanish, French and Dutch.

Career Expansion Interests: DevOps, Microdata and AI Engineering.

Personal Interests: Health and Wellness, Football, Community development and Business leadership.

Website: <https://www.nennii.dev>

LinkedIn: <https://www.linkedin.com/in/nennii-cally-ntete-50ab5771>

Github: <https://github.com/Nennii-CallyNtete>

References: Available on Request