NOEL UGWOKE

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EDUCATION

University of Calgary Calgary, Alberta
Bachelor of Computer Science, BCS *August 2016 – May 2022*

Bow Valley College Calgary, Alberta
Diploma (Dean's List) *August 2016 – May 2022*

SKILLS

- Statistical analysis
- Data Storage and Retrieval
- RDMS Development and SQL
- JS Frameworks: React, Angular, Vue
- Project Management, Software Testing
- Programming Languages: Java, C#, .Net, Python

- Scripting Languages: PHP, Python, JavaScript
- API Design and Development
- Cloud Computing: AWS, GCP, IBM Cloud
- Databases: Oracle, MongoDB
- Source and Version Control: Git, GitHub
- Front-End Programming: HTML5, CSS3, AJAX

WORK HISTORY

Alberta Health Services Calgary, Alberta
Analyst *August 2021- February 2022*

- Managed and prioritized urgent needs while communicating plans with customers within 24 hours.
- Created and reorganized SQL queries and scripts for internal troubleshooting, which decreased work tickets by 10%
- Implemented time-series forecasting to predict surges in hospitals booking systems lowering average wait time by 5%
- Designed model tests for user access of vaccine booking system, distributed to 5000+ AHS employees
- Enhanced automated ticket reporting processes for external AHS contractors, resulting in 5% increase in efficiency.
- Tested new implementations of diverse software and documented bugs for 7+ patch releases.

Parkland Fuel Corporation Calgary, Alberta
Developer *August 2020 – August 2021*

- Collected and constructed SQL query data from AWS for 630+ service stations to improve customer access by 15%
- Analyzed systems flow, data usage, and work processes, and investigated 15+ problem areas
- Designed and coded 60+ unit/integration testing using Coronys, Datamaker and Agile Designer
- Tested software for bugs and operating speed, fixing bugs and documenting processes to increase efficiency by 10%
- Built, managed and tested RESTful APIs that served data JavaScript and Python front-end based on user inputs
- Working across AWS platforms, Sagemaker and Redshift to manage 3+ company client data
- Resolved 30% of team assigned tickets using Jira platform

CERTIFICATIONS

- IBM Cloud Development
- AWS Application Development

- Google IT Automation
- Google Cloud Development

PROJECTS

[Portfolio](#) – Website (**58+ unique visitors**) created using APIs, Frontend design, Backend management and hosting services.

Bookstore Database – Python App (**10+ users**) used to store, access and manage user input using active SQLite database.

Self-Checkout System – Java App (**Grocery Store Prototype**) used Java UI design tools and OOP for realistic functionality.