GREYSTON BELLINO
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Education

BACHELOR OF SCIENCE (HONS) COMPUTER SCIENCE   *Expected in 05/2025*
Toronto Metropolitan University | Toronto, ON
CGPA 3.7, Dean's List for 2 Years (2nd and 3rd year)
- **Relevant Coursework:** Data Structures, Discrete Structures, Algorithms, Databases, Artificial Intelligence, Machine Learning, Software Engineering, Software Project Management, Operating Systems, Cyber-Security
- **Minors:** Cyber-Security

Projects

Optimized Product Setup and Creation Interface - Software Developer, Hatch (2024)

- **Leveraged front-end development expertise in TypeScript and Angular** to design and implement a robust product setup and creation page, streamlining the user experience for adding and managing products. This enhancement improved workflow efficiency by **30%**, significantly reducing the time required for product setup by team members.
- **Exhibited a keen interest in user interface (UI) and user experience (UX) design principles,** resulting in a more intuitive and responsive interface. This led to a **25%** increase in user satisfaction and a **15%** reduction in error rates during product entry.

Automated Employee Vacation Compliance - Data Scientist, RBC (2023)

- **Developed an ETL pipeline leveraging Python's pandas library** to efficiently extract data from Excel sheets, applying a custom algorithm to identify non-compliant employee vacation dates for a workforce of **10,000 employees**. The data was then seamlessly integrated into an SQL database for further analysis.
- **Enhanced data-driven decision-making by creating a dynamic Tableau dashboard** that visualized non-compliant vacation patterns, enabling HR teams to enforce policies effectively. This automation saved **8 hours** of human labor per week, significantly improving operational efficiency and reducing unauthorized time-off incidents by **40%.**

Cloud-Based Oil and Gas Rig Data Processing Pipeline - Data Scientist, Hatch (2022)

- **Migrated a MATLAB-based project to Python** for an oil and gas rig, enhancing computational efficiency and scalability. The project involved integrating cloud-based processing, where data from Excel sheets was ingested, processed in HYSYS for complex oil and gas calculations, and subsequently visualized in XMPRO.
- **Optimized the end-to-end data processing pipeline,** enabling real-time data analysis and decision-making. This transformation not only improved system performance and accessibility but also **significantly reduced costs by eliminating the need for MATLAB licenses**, resulting in substantial savings for the company.

Technical Skills

PROGRAMMING LANGUAGES: Python, Java, C, HTML, Rust, R, SQL, GraphQL, CSS, UNIX, Lisp, Javascript, Typescript
FRAMEWORKS: Node.js, Angular, Jest, RxJs, Django, Flask, Pandas, NumPy, TensorFlow, Matplotlib

TOOLS: Github, Git, Figma, Microsoft Azure, Tableau, XMPRO, VSCode, Visual Studio