Glaiza (Gail) Tan

glaizalyntan@gmail.com | 639-317-7415 | Saskatoon, SK | linkedin.com/in/glaiza-gail-tan/

EDUCATION AND CERTIFICATION

- **Master of Computer and Information Technology**, *University of Pennsylvania, USA,* January 2021 - Present
- **PhD Candidate, Neuroscience** *(Dean's Scholar), University of Saskatchewan*, August 2015 - July 2017
- **MSc Molecular Medicine** *(College Scholar), St. Luke's College of Medicine,* October 2009 - April 2011
- **BSc Molecular Biology & Biotechnology** *(Summa cum laude), University of the Philippines*, June 2004 - April 2008

SKILLS

- **Languages:** Java, Python, R, JavaScript/HTML/CSS, SQL
- **Tools:** Git, Power BI, Visio, Lucidchart, GraphPad Prism, SPSS, Eclipse, PyCharm, VSCode

CERTIFICATION

- **Certificate in Big Data Analytics**, *York University*, September 2020 - February 2021
- **Certified (Lean) Six Sigma Green Belt**, *American Society for Quality*, February 2020
- **Professional Certificate in Data Science**, *Harvard University*, January 2020 - Present
- **Professional Certificate in Data Analysis**, *Microsoft*, July 2019 - December 2019
- **Professional Certificate in Management and Leadership**, *University of Saskatchewan*, September 2016 - April 2017

PROJECTS

- **Tower Blaster** - Developed a game to order numbered bricks from lowest to highest using Python
- **Battleship Game** - Developed the classic battleship game using Java
- **Tweet Analyzer** - Developed a program that parses and analyzes tweets based on location and keywords using Java
- **COVID-19 Analyzer** - Developed a program that parses and analyzes government COVID-19 data using Java

PROFESSIONAL EXPERIENCE

- **QA**, *Aero Delivery Ltd, SK,* August 2020 - Present

- Led the annual CFIA and third-party certification audits, resulting in the maximum audit score
- Created a dashboard to track and analyze quality data and to identify bottlenecks for process optimization
- Initiate, oversee, and maintain the site quality management system and continuous improvement projects
- Establish SOPs, policies, records, and workflows and ensure compliance of multiple stakeholders

- **QA Associate Lead**, *Prairie Plant Systems (Aurora Prairie), SK,* March 2020 - August 2020
- **QA Associate**, *Prairie Plant Systems (Aurora Prairie), SK,* January 2019 - March 2020
- **QA Coordinator**, *Prairie Plant Systems (Aurora Prairie), SK,* June 2018 - January 2019
- **QA Auditor**, *Prairie Plant Systems (Aurora Prairie), SK,* November 2017 - June 2018

- Assisted in Health Canada audits and led the development and implementation of the site quality system
- Created a dashboard to identify bottlenecks in production (milling) and worked with IT for automation
- Led and initiated continuous improvement projects and analyzed quality data to identify variability and benchmarks
- Designed detailed workflows and process changes to train staff and to facilitate understanding of standard procedures
- Implemented and maintained preventive control plan to identify hazards and to assess suitability of preventive measures
- Mentored QA Auditors and served as the QA subject-matter expert for risk assessment and process design
- Collaborated with multiple stakeholders to communicate business requirements and to resolve process issues

- **Student Desktop Researcher**, *Innovation Enterprise, SK,* November 2016 - August 2017

- Marketed existing technologies at the University of Saskatchewan to biotechnology companies for commercialization

- **Research Assistant**, *University of Saskatchewan, SK,* August 2015 - November 2017

- Developed a novel ex vivo model for multiple sclerosis and conducted molecular, cellular, and imaging analyses

- **Research Fellow**, *Boston University, Boston, USA,* April 2011 - July 2015

- Optimized protocols and conducted cancer/stroke research using cell culture, gene cloning, and animal models