

PROFILE

Passion for developing websites that meet user needs while remaining aligned with a company's branding standards; committed to enhancing the customer experience. Able to gather and refine requirements based on technical needs; trained to create and maintain software documentation. Learned how to code and deploy applications in a cross-platform, cross-browser environment; able to manage maintenance and development of website. Able to monitor and analyze statistics of site usage, campaign analysis, click through performance; strong eye for detail. Collaborative with strong ability to update content, troubleshoot, post events to calendar and organize web pages. Familiar with solving analytical problems using relevant quantitative and qualitative research and analytics experience, in related business areas. Comfortable manipulating and analyzing complex, high-volume, high-dimensionality data from varying sources. Proficient in statistical analysis, quantitative analytics, forecasting and predictive analytics, multivariate testing, and optimization algorithms and developing operational models. Experience with web development and interested in empirical research for answering difficult questions related to data. Ability to communicate complex quantitative analysis in a clear manner.

**Data Analytics | Analysis | Reporting | Gathering Needs | Building User Interfaces | Testing & Debugging
Performance Measurement | Programming Knowledge | Development & Debugging Tools | Web Security
Performance Best Practices | Best Practices & Tools | Updating Websites | Web/Mobile Standards
Web Applications | Teamwork | Listening | Communication**

TECHNICAL COMPETENCY

- **Web Development:** JavaScript (ES6, Node.js), Python, Java, C#, PHP, HTML, CSS, Swift, .Net
- **Database Management:** MySQL, R
- **Project Management:** Agile Methodology, DevOps
- **Tools:** GitHub, Travis CI, Jenkins, Visual Studio Code, Visual Paradigm, Figma, Oracle Database 11g, JetBrains (WebStorm, PyCharm, PhpStorm)

EDUCATION

Computer Programming and Analyst (CGPA 3.3/4.0), George Brown College
Student Representative Council Member

RELEVANT PROJECT WORK

Web Development: led team of 3 web development group projects using HTML, CSS, JavaScript, and PHP to produce a webpage to store, add/edit product values and customer information data values; link database to the web application to store user data and enable admin retrieval and data management; received an A+ grade.

Database Management: create datasets with given variables, cursors, constants, exceptions, procedures, and functions; connected datasets to servers; collected data and queries using Oracle Database Server.

Web Application Development: collaborated in team of 4; created an object-oriented application using C#; developed application to allow users to input their desirable event date, attendance number and event types, along with event booking management; created an object-oriented application using Java to produce an application that stored employer information and saved new employer values.

Project Management: led a team of 6 and created a document to provide an IT solution for e-commerce service; created multiple business processes (i.e., user persona, user stories) and provided functionality support (i.e., product backlog).

Data Science & AI: facilitated the sorting of a structured and unstructured array in Python (NumPy) and C#; enabled datasets to be visualized using various libraries feature in Python.

RELEVANT EXPERIENCE

Web Developer, TOMATO Project 2020 – Present

- Attended meetings with executive team; understood their requirements and helped build website using HTML and CSS.
- Designed and implemented new features, enhancements, and content of websites; provided troubleshooting of CSS issues related to WordPress website; ensured site was always running smoothly.
- Collected data and entered data as needed.

Data Analyst/Research Intern, Gangnam District Government Summer 2020

- Collected and turned raw data into insights for the various management teams to make decisions.
- Managed "scrubbing" of data from multiple sources before importing into system for reporting and analysis.
- Assisted in design and architecture of reporting templates and other internal and facing output.
- Performed data quality audits to maintain and assure data integrity.

ADDITIONAL EXPERIENCE

Coffee Advisor, Match Retail – Nespresso, 2021 | **Sales Associate**, Just You Too, Sarah & Tom, 2019 – 2021