

DECHSIT NAETSAWAN

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EDUCATION

Bachelor of Science: Honours Mathematics & Computer Science

McMaster University

September 2019 – June 2023

SUMMARY

Recent graduate with a degree in Mathematics & Computer Science from McMaster University, bringing proficiency in programming languages such as Java, Python, SQL, and JavaScript. Demonstrated skills in dynamic project development, including a full-stack auction platform (QuickBid) and multi-page websites (Pixel Bites, Not Unorganized & Tempest). Familiarity with data modeling showcased through projects like Mass Migration and Emigration Data Modelling using tools like NumPy and Pandas. Diverse experience in roles at Bath & Body Works, Saket Inter Co., Ltd., and Walmart Inc., highlighting adaptability, effective communication, and a strong commitment to continuous learning. Eager to contribute this diverse skill set to a technology-related role and make a valuable impact to your company.

TECHNICAL SKILLS

Programming: Java(Jenkins, Gradle, Spring Boot) | Python (Django, NumPy, Pandas)
SQL (SQLite, PostgreSQL) | CSS | Javascript(Node.js, React, Webpack, APIs) | C++ |
Software: Microsoft Office Suite | RStudio | LaTeX | Git (GitHub & GitLab) | VSCode | IntelliJ IDEA
Comfortable with Windows and Linux(Ubutnu & Fedora)
Others: Software Development | Databases | Data Modelling | Data Structures & Algorithms
Algorithms & Complexity

PROJECTS | [GitHub\(All Projects\)](#)

QuickBid([Github](#)|[Demo](#))

- Developed a dynamic auction platform implementing robust user models and seamless authentication processes, ensuring user-friendly interactions.
- Demonstrated proficiency in full-stack development by seamlessly integrating frontend components with backend functionalities using HTML, Python, Django, SQL, and CSS.
- Enhanced user experience through intuitive listing models, optimizing the platform for efficient bidding, item management and user comment.
- Implemented responsive design principles, ensuring a visually appealing and accessible interface across various devices.
- Conducted thorough testing and debugging, guaranteeing a stable and reliable auction site for users.

Pixel Bites([Github](#)|[Demo](#))

- Developed Pixel Bites, a dynamic multi-page restaurant website made for the Odin Project's assignment.
- This project demonstrates proficiency in HTML, CSS, JavaScript and Webpack.
- Leveraged advanced WebPack functionality to efficiently bundle files, optimizing the site's performance and loading speeds for a clean and concise development process.
- Used exclusively dynamically created DOM through Javascript making the code reusable and the contents easily scalable.
- Implemented responsive design principles, ensuring a seamless transition between pages and providing users with a consistent and visually appealing journey.
- Applied creative problem-solving skills to address the complexities of a multi-page structure, showcasing adaptability and proficiency in handling intricate web development tasks.

Tempest([Github](#)|[Demo](#))

- Developed Tempest, a weather app that leverages external APIs for real-time weather information.
- Utilized asynchronous JavaScript and AJAX to fetch data from WeatherAPI for weather conditions.
- Implemented user-friendly features such as seamless city searches, unit conversion, and interactive forecast views.
- Applied modular and organized coding practices for maintainability and scalability.
- Conducted thorough testing and debugging to create a stable and reliable weather app experience.

Not Unorganized([Github](#)[Demo](#))

- Developed Not Unorganized, a todo list website made for the Odin Project's assignment.
- This project demonstrates proficiency in HTML, CSS, JavaScript and Webpack.
- Applied SOLID principles for a quality codebase with a focus on Single Responsibility and Open/Closed Principles.
- Implemented a responsive, dynamic UI for a comfortable and seamless user experience.
- Integrated a user-friendly modal system for task addition and editing and adding projects.
- Emphasized Dependency Inversion by using abstractions for scalability.
- Conducted regular code reviews and refactoring to uphold code quality and SOLID principles.

Mass Migration and Emigration Data Modelling

- Comparison of models of mass migration between Ontario and California.
- Came up with predictions in migration trends using migration (immigration and emigration) data from the past.
- Modeling done using NumPy, Pandas and Seaborn using Jupyter Notebook.
- Takes into account birth, death and migration rates and there is an extension of the original prediction using stochastic elements which takes into account other possible factors other than migration.
- Demonstrates knowledge of some important data analytics tools as well as understanding of the procedure and significance of the data.

EXPERIENCE

Sales Associate

September 2023 – Present

Bath & Body Works, LLC

- Efficient in customer engagement on the sales floor and cash counter at a busy Bath & Body Works store, actively contributing to increase store conversion rates.
- Effectively follow store directives by employing a strategic approach to customer interaction by engaging, momentarily disengaging, and then re-engaging to enhance the overall shopping experience.
- Demonstrate versatility by occasionally taking on responsibilities for efficient stock management and merchandise replenishment, ensuring a seamless and organized shopping environment.

IT Member & Data Analyst

September 2020 – July 2021

Saket Inter Co., Ltd.

- Collaborated on the design and management of the company website using a web hosting service, seamlessly blending creativity with technical skills for an impactful online presence.
- Played a pivotal role in IT operations, contributing to data analysis processes to derive actionable insights for strategic decision-making.
- Excelled in handling business data, utilizing Microsoft Excel for accurate and timely data analysis and processing by meeting the specific demands of the company's operations.
- The data analysis conducted played a crucial role in refining marketing strategies and optimizing the company's online presence as well as during their conventions.

Seasonal Associate

June 2020 – August 2020

Walmart Inc.

- Demonstrated adaptability in diverse roles, encompassing customer assistance, product movement, and sales transactions at Walmart Inc.
- Fostered positive relationships with colleagues and stakeholders, contributing to a collaborative and supportive work environment.
- Displayed exceptional efficiency and perseverance in rapidly acquiring essential skills, showcasing a strong commitment to continuous learning and improvement.
- Leveraged effective communication skills to promptly resolve issues on the sales floor, enhancing overall customer satisfaction and operational efficiency.