# DECHSIT NAETSAWAN

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## EDUCATION

**Bachelor of Science: Honours Mathematics & Computer Science**     September 2019 – June 2023
*McMaster University*

## SUMMARY

Recent graduate with a degree in Honours 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 a multi-page restaurant website (Pixel Bites). 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

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

### 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 importance 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.