Daniel Raymond Ng

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Technology and Certifications

- Programming Languages: **Java**, **JavaScript**, **Python**, **HTML**, **CSS**, **SQL**
- Frameworks: **React**, **Flask**, **Twitter Bootstrap**
- Tooling: **Scrum**, **Git**
- Databases: **SQLite**, **MySQL**
- Certifications: Microsoft **Power BI** (70-778), Microsoft **Azure** Fundamentals (900)

Work Experience

TekLink International Inc   Atlanta, GA
Software Development Consultant   July 2019 – Oct 2020
Newell - Quality Analyst   September 2019 – Mar 2020
Project: NISCO 4-Wall and D&T Reporting

- Test **Azure** pipelines to make sure data flows and data ties are correct
- Develop **Power BI** reports using **DAX** and **Power Query**

Newell - Power BI Specialist   April 2020 – Oct 2020
Project: Sustain Team Reporting

- Develop **Power BI** reports on the Sustain Team's Ticket Data to drive process and performance improvement
- Perform data transformations on data from multiple sources using **DAX** and **Power Query** to ensure the data matches with those of currently used excel sheets
- **Power BI** reports are used to replace manually created excel sheets with dynamic scalable visualizations.

Morgridge Institute for Research   Madison, WI
Scientific Web Application Development Student Intern   Feb 2018 – April 2019

- Developed a public scientific web app using **MySQL**, **HTML**, **CSS**, **Bootstrap**, **JQuery** and **Flask** to run queries on a scientific database and return relevant data. (https://www.kinderminer.org)
- Reduced experimentation time to save research funding and facilitate scientific breakthroughs

CUNA Mutual Group   Madison, WI
IT Application Development Intern   June 2018 – August 2018

- Built upon and improved enterprise web applications using **.NET Technologies**, **SQL**, **React** and **Redux** to deliver user-friendly software for clients

Project Experience

Indecision App   June 2017

- Built a simple React App that helps users make a decision by selecting one random option among their inputs.

Trash Dove Trolling Game   Feb 2017

- Built a platform game using Game Maker Studio: 1.4 and won the Hacker's Choice award at MadHacks (University of Wisconsin – Madison)

Education

University of Wisconsin – Madison
College of Letters and Sciences, BS in Computer Science   May 2019

Course Work
Algorithms, Data Structures, Software Engineering, Computer Graphics, Database Management Systems, Discrete Math