Daniel Raymond Ng
Software Developer

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Skills

- Languages: Java, JavaScript, Python, HTML, CSS, SQL, MATLAB, R, Latex
- Frameworks: ReactJS, ReactNative, NodeJS, Flask, Twitter Bootstrap, ExpressJS
- Databases: SQLite, MySQL, PostgreSQL, MongoDB
- Other Skills: AWS, Azure, Git, Vim, Agile methodologies, Competitive Programming, Project Managing, Websocket, Bootstrap, REST API, GraphQL
- Certifications: Microsoft Power BI (70-778), Microsoft Azure Fundamentals (900)

Work Experience

TekLink International Inc - *Software Development Consultant*   July 2019 – Oct 2020
Newell – *Software Developer*   Atlanta, GA

- Designed and tested **Azure** pipelines to make sure data flows and data ties are correct
- Created **Power BI** reports on internal Data to drive process and performance improvement
- Performed 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 saving 20 minutes per day.

Morgridge Institute for Research   Madison, WI
Full Stack Engineer   Feb 2018 – April 2019

- Developed a scientific web app using **MySQL**, **HTML**, **CSS**, **Bootstrap**, **JQuery** and **Flask** to run queries on PubMed and return a list of rankings between target terms and key phrases. (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 **C#, .NET Technologies**, **PostgreSQL**, **React** and **Redux** to deliver user-friendly, secured and scalable software for clients.

Project Experience

Trash Dove Trolling Game
Hacker's Choice & Finalist, MadHacks 2017

Perovskite Stability
Perovskite Stability Built a neural network to predict the stability for perovskite structure and attained 85% certainty

Education

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