

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

Scientific Web Application Development Student Intern

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