

# Maria De La Luz Rico








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## Summary

Exceptionally creative and dependable Entry Level Web Developer. Broadly and deeply knowledgeable in a wide variety of computer languages as well as the principles and techniques of website construction and maintenance. Highly adept at conveying complex technical information to a variety of professional and lay audiences in a clear and understandable manner. Well-organized in handling all documentation and recordkeeping requirements. Skilled at enhancing research accuracy and precision by carrying out efficient protocols.

## Technical Skills

 HTML  CSS  JavaScript  jQuery  Node.js  Bootstrap  VS Code

## Education and Training

Bachelor of Science: Augsburg University - Chemistry 12/2017  
Minneapolis, MN

Full-Stack Web Development Certificate: U of M-Twin Cities Graduate 12/2021  
Minneapolis, MN

## Web Development Projects

### *ActGen*

A fun activity generating application

Technologies used: JavaScript, jQuery, Materialize Framework

[Deployed Link](#)

### *Weather Dashboard*

A useful desktop app to browse weather for cities

Technologies used: JavaScript, jQuery, moment.js, Bootstrap Framework

[Deployed Link](#)

### *Day Scheduler*

An easy to use daily task manager for desktop

Technologies used: JavaScript, jQuery, moment.js, Bootstrap Framework

[Deployed Link](#)

## Experience

### Research Associate

Bio-Techne

11/2019 – 09/2020  
Minneapolis, MN

- Collaborated with lab team members to meet quarterly purification batch goals
- Managed up to four automated chromatography (FPLC) machines to process goat and sheep bleeds for antibody purification
- Recorded and entered data for each purification into our data management system per standard operating procedures
- Conducted initial purity and identification tests like size exclusion chromatography, gel electrophoresis and enzyme-linked immunosorbent assay (ELISA) prior to sending purification batch to Quality Control
- Participated in company wide fair as Antibody Operations department liaison to raise awareness of what our lab did within the company

### Student Outreach Coordinator

Minnesota High Tech Association

06/2018 – 11/2019  
Minneapolis, MN

- Establish and maintain relationships with career center staff, faculty, and student organizations
- Collaborated with external partners to plan and execute workshops and presentations for STEM students
- Oversaw research, planning, execution and implementation of new mid-point intern survey

- Utilize MS Excel to analyze survey results, produce graphs and figures, and quantify intern experience
- Utilize various MS Excel functions, like VLOOKUP, to merge data from different spreadsheets in order to evaluate demographics of student pool
- Implement data validation into MS Excel spreadsheet used for student applications

#### **Front Desk Receptionist**

02/2018 – 03/2020

The FIRM

Minneapolis, MN

- Input customer data using MINDBODY software and make immediate updates to reflect changes
- Draft and maintain incident reports, daily activity logs and other documents requested by management
- Deliver exceptional customer service and support to team and 200+ club members, maximizing productivity and member satisfaction

#### **Research Assistant**

06/2017 – 12/2017

University Of Minnesota

Minneapolis, MN

- Supported principal investigator during research into utilizing photocrosslinking to probe BPTF interactions with small molecule inhibitor ligand
- Applied high degree of accuracy and precision when preparing documentation of procedures and data gathered
- Commenced setup of small molecule library screening assay utilizing fluorescence polarization

#### **Research Assistant**

05/2016 – 08/2016

Augsburg College

Minneapolis, MN

- Obtained >80% yields through optimization of organic synthesis via microwave reactor technology
- Interpreted retention time and intensity count data from GC-MS tests to characterize sample utilizing MNova software
- Prepared tables, graphs, and written reports summarizing research results to present at National Conference

#### **Bankruptcy Paralegal**

05/2012 – 06/2016

The Law Office Of Iris Ramos

Minneapolis, MN

- Consulted with clients and legal professionals to define and document case details
- Prior to firm merge implemented legal practice management and CRM software in firm
- Researched market value of client's assets and input data in schedules to generate petition