

Jason F. Rosas Ramirez

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EDUCATION

Certificate, Full Stack Web Development (July 2021)

University of Minnesota - Twin Cities

Minneapolis, MN

Bachelor of Science in Applied Physics ■ Minor in Mathematics (May 2017)

University of Wisconsin - Eau Claire

Eau Claire, WI

SKILLS AND ABILITIES

Programming Languages: HTML, CSS, Javascript, Python, C#, NI LabView.

Programming Tools: Bootstrap. Node, Express, Sequelize, JS Handlebars, MySQL

Fluent in Spanish ■ Project Management ■ Front End Development Experience ■ Utilize APIs ■ Fetch Requests ■ Refactor
■ Lab Experience ■ Electrical Equipment Experience ■ Data Analysis ■ Design Verification Testing (DVT) ■ Soldering

PROFESSIONAL EXPERIENCE

Medtronic - Released Product Associate Engineer

(Contract Through Bentley Staffing Services)

Plymouth, MN

(June 2019 - Present)

Project manager of cross functional teams to scope, develop, and execute change order implementation, ensuring supply continuity.

- Perform design verification testing (DVT) to ensure prototypes meet expected criteria.
- Revise legacy documents to meet modern criteria.
- Lead long term projects to completion by ensuring resources, budget, and stakeholders are properly scoped.
- Mitigate project risk factors that prolong completion.

3M - Electrical Engineer I

(Contract Through Apex Life Sciences)

Maplewood, MN

(May 2018 - June 2019)

Operating in a research lab to perform design verification testing (DVT) and support various teams in completing a long term project. Was trained in new skills to perform required tasks.

- Design and build test fixtures to obtain specified testing results.
- Fabricate printed circuit boards (PCBs) using the local rapid prototyping center.
- Surface Mount Technology (SMT) rework for electronic assemblies.
- Inventory and check out equipment to various teams.

Precision Repair and Calibration - Electronics Calibration Technician

(Full Time Employment)

Blaine, MN

(June 2017 - May 2018)

Calibrate various electrical instruments using standards traceable to the National Institute of Standards and Technology (NIST). Communication with clients to discuss options for failed equipment and expectations for onsite calibration.

- Provided strong customer satisfaction.
- Traveled up to 60% of the time for onsite calibration.
- Autonomous time management and unsupervised while onsite.
- Adapting to new environments and situations.

WEB DEVELOPMENT PROJECTS

Gotta Catch a Vibe | [Written link to GitHub](#) | [Written link to deployed project](#)

- **Summary:** An assistant to the Pokemon Go app. Retrieves upcoming weather data to project which pokemon types will be boosted during upcoming hours of the day.
- **Tools:** HTML, CSS, JavaScript, JQuery, Tailwind.
- **Deployed Page:** <https://jasonrosasramirez.github.io/Gotta-Catch-A-Vibe/>

The One and Only Password Generator | [Written link to GitHub](#) | [Written link to deployed project](#)

- **Summary:** Type in the character criteria for generating a password and let the password generator do the rest.
- **Tools:** HTML, CSS, JavaScript, JQuery. Bootstrap,
- **Deployed Page:** <https://jasonrosasramirez.github.io/03-The-One-and-Only-Password-Generator/>

Planner for Your Workday | [Written link to GitHub](#) | [Written link to deployed project](#)

- **Summary:** A minimal planner that stores key activities for the day and highlights time of day.
- **Tools:** HTML, CSS, JavaScript, JQuery. Bootstrap,
- **Deployed Page:** <https://jasonrosasramirez.github.io/05-Planner-for-Your-Work-Day/>

Wedding Planner | [Written link to GitHub](#) | [Written link to deployed project](#)

- **Summary:** Create a wedding dashboard to view the important details all in one place.
- **Tools:** CSS, JavaScript, Bootstrap, MySQL, handlebars.
- **Deployed Page:** <https://github.com/samersaemeldahr/Wedding-Planner/>

UNDERGRADUATE TEACHING ASSISTANT EXPERIENCE

Math 216 (Calculus 3) Teaching Assistant (January 2016 – May 2016)

University of Wisconsin – Eau Claire • Mentor: Dr. Carolyn Otto

Physics 360 (Electronics) Lab Teaching Assistant (January 2017 – May 2017)

University of Wisconsin – Eau Claire • Mentor: Dr. Kim Pierson