**Jason F. Rosas Ramirez**

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**EDUCATION**

**Certificate, Full Stack Web Development** (July 2021)Minneapolis, MN

University of Minnesota - Twin Cities

**Bachelor of Science in Applied Physics** ■ **Minor in Mathematics** (May 2017) Eau Claire, WI

University of Wisconsin - Eau Claire

## **SKILLS AND ABILITIES**

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

**Programming Tools:** Query, Bootstrap. Node, Express,

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 Plymouth, MN**

**(Contract Through Bentley Staffing Services)**  **(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 Maplewood, MN**

**(Contract Through Apex Life Sciences)**  **(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 Blaine, MN (Full Time Employment)**  **(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/>

## **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

## **PROFESSIONAL REFERENCES**

* **Dr. Kim Pierson** UW-Eau Claire Electronics Professor

(715) 836-5009 [piersokw@uwec.edu](mailto:piersokw@uwec.edu)

* **Leif Erickson** 3M Hardware Development Engineer

[ljerickson@mmm.com](mailto:ljerickson@mmm.com)

* **Mark Mathews** 3M Product Development Engineer

[mgmathews@mmm.com](mailto:mgmathews@mmm.com)

* **John Ben Christ** Medtronic Senior Sourcing Engineer

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