

# Emmanuel Mireku

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## Software Developer

Graduate of 2020 with a BSc in Computer Science excited to leverage my experience building Responsive web applications and software to solve interesting problems that delight user experience

## Education

SUNY at Brockport, Brockport, NY Sept 2015 – May 2020

Bachelor of Science in **Computer Science**

Minor in **Graphic Design**

**Relevant Courses:** Programming Fundamentals, UNIX Tools, Branding and Identity, Data Structures and Algorithms, Computer Networking, Typography, Intro to Artificial Intelligence, Graphic Design, Problem Solving, Data Analytics and Predictive modeling

## Technical Skills

- **Languages:** JavaScript, HTML, CSS, Python, Java
- **Operating Systems:** Windows, iOS, Linux
- **Database:** SQLite, MongoDB, MySQL
- **Design Tools:** Figma, Adobe XD, Adobe InDesign
- **Version Control:** Git
- **Frameworks/Libraries/Other:** Apps Script, Node.js, React.js, WordPress, Bootstrap, SASS, UI Kit, OpenCV, PYAutoGUI, Imutils, Elementor, Pug.js, Content Management System, jQuery,

## Experience

**Junior Network Specialist** Mar 2021 – Present

Insight Global, Hastings on Hudson, NY

- Developed a loaner system web application that allowed users to borrow and return Chromebooks to solve problems with our inventory. Users that do not return their Chromebooks get locked automatically after a specific time. Our inventory is now 70% more accurate.
- Developed a chrome extension that was deployed to users to remind them to return their borrowed Chromebook.
- Automated deprovisioning of Chromebooks with Google sheets and Google Apps Script.
- Automated the distribution of Chromebooks to users with google sheets and Google Apps Script.

**Undergrad Researcher / Internship** May 2019 – Dec 2020

SUNY at Brockport CS Department, Brockport, NY

Publication: <https://doi.org/10.1145/3374135.3385270>

- Created an OpenCV image recognition API with the template match method, documented it and published it to pypi
- Designed a UML diagram for the execution of the program
- Published the research paper to ACM (Association of Computing Machinery)

## Projects and Activities

**Amayzin Grace Foundation Website** - <https://amayzingracefoundationint.org/>

Developed and currently maintaining a WordPress website for charity foundation. This allows the Founder to receive donations and funds throughout the world to help their cause. It has generated thousands of revenues.

**Weather Application** - <https://emmanuel-mireku.github.io/12hour-weather/>

Developed a weather app that allows a user to input their location and receive a 3-hour interval weather update from the location that was input. Learned how to fetch data and display it with React.js and hooks.

**Stack Data Structure Web Application** - <https://emmanuel-mireku.github.io/stack-app/>

Developed stack data structure that demonstrates how it works and learned how to manipulate the DOM model works with JavaScript. Wrote an article about it on [medium](#)

**Color Generator and Editor Web Application** - <https://color-em.herokuapp.com/>

Developed and deployed a Node.js application to Heroku that allows an end-user to generate a color and its CSS code.

**Medium Articles** - <https://medium.com/@emmanuelmireku15>

I wrote an article about a [problem](#) I solved while building my portfolio and another article that has generated thousands of views. I will continue to write more.

**CUNY Hackathon** - <https://github.com/emmanuel-mireku/covid-tracker>

Collaborated with some friends I met during the CUNY hackathon, and we were able to create a covid tracker app.

**Currently enrolled in LinkedIn learning to learn more and broaden my knowledge.**