

IRIS MARCHHART

✕ CONTACT INFO

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 🐙 IrisMarchhart

I'm Iris, a Full Stack Software Engineer based in Rochester, NY with a Bachelor's in Software Engineering and a minor in Web Design & Development from RIT. I've spent my career building a diverse range of software. My experience spans both innovative startup environments and large-scale enterprise organizations, enabling me to contribute effectively to diverse teams and impactful projects.

★ SOFTWARE & SKILLS

Languages

Python, Java, Typescript, JavaScript, Ruby, HTML / CSS, C#, Java, C, Visual Basic

Technologies

React / Redux, Symfony, AngularJS, Angular, Amplify, SASS / LESS, Flask, SQLAlchemy, Spring boot, MongoDB, Node, Lambda, DynamoDB, Serverless

Other

Database Design, Integrated Systems Development, Kafka, Soldering, DevOps, Version Control, Leadership

★ EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY

Bachelor of Science: Software Engineering

Minor: Web Design & Development

Immersion: Philosophy

RIT Honors Student

Graduated: May 2020

★ INTERESTS

FEMA Community Emergency Response Training
 Home Automation
 Amateur Carpentry
 Cross Stitching
 Driver at RIT Collegiate EMS
 Member of Women in Computing: Allies Program
 Seaperch Naval Engineering Competition
 Volunteer for Habitat for Humanity's ReStore

EXPERIENCE

- March 2021 – Present ○ **Paychex** Rochester, NY
Software Engineer I & II
 SKILLS: Java, Python, Typescript, Kafka, Angular, MongoDB, SpringBoot, SASS
- Spearheaded the design and submission of a proposed universal Paychex standard for Positive Pay files to banks.
 - Led the team's UI implementation during the Positive Pay Project, leveraging strong expertise in Angular user interface development.
 - Mentored new team members and co-ops, providing comprehensive support for both technical and soft skill development.
 - Drove significant contributions to the MongoDB 6 upgrade, actively managing releases, creating organizational tools and documentation, and identifying issues with the testing process before they became blockers
- JUNE 2019 – February 2020 ○ **iCitizen** Rochester, NY
Chief Technology Officer
 SKILLS: Lambda, Python, JavaScript, DynamoDB, Amplify, React, SASS
- Joined the iCitizen team as an engineer, transitioned to a leadership role within months.
 - Lead efforts to relaunch the iCitizen platform.
 - Responsible for company's technical decisions, architecture, and knowledgebase.
 - Spearheaded a small, lean development and design team.
- JUNE 2018 – AUGUST 2018 ○ **Datto** Rochester, NY
Software Engineer Intern
 SKILLS: PHP, JavaScript, HTML / CSS, Symfony, PDO, Doctrine
- Worked on Datto's Admin Portal team, and was responsible for the development and maintenance of one of their internal-facing websites.
 - Built, tested, and presented features and bug fixes.
 - Led a small team within the company on a side project.
- JUNE 2017 – AUGUST 2017 ○ **Nanometer Lighting** Maspeth, NY
Lead Software Developer
 SKILLS: Python, JavaScript, Flask, React, WordPress, SQLAlchemy, Heroku
- Designed and programmed light shows for New York City's new Kosciuszko Bridge.
 - Handled requests from Governor's Office and the DoT.
 - Revamped the company's outdated product page which included adding a product database and a product ID generator and selector.
- JUNE 2016 – AUGUST 2016 ○ **Confident LIMS** Palo Alto, CA
Full Stack Engineering Intern
 SKILLS: Python, JavaScript, LESS, Flask, AngularJS, SQLAlchemy, AWS, EC2, S3
- Developed for a YCombinator funded startup that created a lab information management system for medical marijuana testing laboratories.
 - Improved dynamic reporting and label generation across multiple platforms.

PROJECTS

FoodTrax | PHP, JavaScript, C, MySQL, Optimization of 3G data transfer, Leadership

A project I spearheaded at Datto during a company hackathon. The site allows people to find their favorite food trucks by using standalone GPS trackers that report real time data to a mobile app.

Cat Facts | Python, Twilio API, Requests

A small project that uses the Twilio API to spam a friend's phone with cat facts.

Standardized Light API | Python, Flask, Philip Hue API, Nanoleaf API, LIFX API

The goal of the project was to create a standard API for my Philips Hue, LIFX, and Nanoleaf lights in my apartment. All of the products have their own REST API which allowed me to create a web server that acts an intermediary to all three APIs.