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   **GPA:** 3.4
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 development 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 that is responsible for the development of 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 start-up 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, Twillo API, Requests

A small project that uses the Twillo 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.