

# Timothy Ryon

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## SOFTWARE ENGINEER

Software Engineer with a background in commercial and event photography. Gained experience and computer skills working on photography sets, sparking my inquisitive nature leading to a career pivot. Trained in Python, JavaScript, and React through personal projects. Strong collaboration and problem-solving abilities developed from working in dynamic, creative environments. Thrives in cross-cultural settings, a result of a unique background acquired growing up in Kenya.

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## TECHNICAL SKILLS

Python, Flask, SQL, SQLAlchemy, SQLite, JavaScript, React, RESTful API, HTML, CSS, GitHub

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## TECHNICAL PROJECTS

### Digi Wallpaper App - [Github](#) | [Demo](#)

*A social media inspired platform for artists to share and comment about their favorite images used to decorate desktop and mobile screens.*

- Diagrammed then drafted the front-end in Figma and dbdiagram.io plan entity relationships
- Manufactured a single-page app (SPA) React front-end using RESTful conventions
- Utilized MaterialUI (MUI) for styling along with integrating Formik forms with React
- Built an object-oriented (OOP) Python back-end with custom database schema and REST API with Flask

### Recipe Collection - [Github](#) | [Demo](#)

*A platform to simplify selecting a recipe visually or with selected criteria such as preparation time.*

- Created a user-friendly React front-end
- Utilized custom React Hooks for more concise code
- Rendered a db.JSON file of recipes to run in place of the database and back-end server
- Designed and styled with CSS for a visually stimulating presentation

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## EXPERIENCE

### Ryon Lockhart, Inc. – Los Angeles, CA / New York, NY

07/2011 - Present

Co-Owner/Digital Technician

As an owner:

- Ensure operability and coordinate maintenance of cameras, computers and other capture equipment.
- Maintain bookkeeping and all records necessary for a small business.

As a Digital Tech on commercial photography sets:

- Collaborate with photographers and Art/Creative Directors on projects to ensure consistent brand image optimization, while meeting the satisfaction of all parties.
- Manage the accuracy and consistency of the image capture process by regularly checking for focus and ensuring color consistency, color balance, exposure on all images and composite files when needed.
- Troubleshoot image capture issues as they arise from the camera, connection, computer or software.
- Confirm assets and methods to be utilized for transfer and certify files are delivered to the correct location.

### MAC Group - Los Angeles, CA / White Plains, NY

04/2012 - 12/2013

West Coast Technical Sales Manager for Leaf Digital

- Demonstrated features and use of high-end camera systems to prospective and current clients
- Rendered product support by problem solving directly with the client to ensure effective use of product
- Increased visibility of products via in-store events and demonstrations at retail locations
- Taught clients how to use associated software as a value added benefit for them

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## EDUCATION

### Flatiron School, New York, NY

04/2023 - 07/2024

Full Stack Web Development, Python with Flask and JavaScript program

### Rochester Institute of Technology, Rochester, NY

Bachelor of Fine Arts in Professional Photographic Illustration and Advertising Photography