



# LAWRENCE CASTILLO

Front End Developer, Web+Mobile | New York

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## TECHNICAL SKILLSET

**UI Development:** JavaScript, TypeScript, Swift, HTML/JSX, CSS/SASS **UI Libraries:** React, React Native, SwiftUI  
**Database:** NoSQL (Firebase, MongoDB), RDBMS (MariaDB, PostgreSQL) **Data Management:** Hooks, Redux, MobX  
**Backend:** Node.js, GraphQL, REST **Programming:** C++, Python, Perl **Cloud Platforms:** Google, Netlify, Heroku  
**Version Control:** Git, repositories (GitHub, GitLab) **Terminal:** Bash, VIM

## RELEVANT EXPERIENCE + PROJECTS

**Threshold.co | Web Developer (Front End)** **Part-time, Remote | 05/20 - Current**

*Implementing front-end (React, Redux, JSX/SASS) components and testing suite (GhostInspector)*

- ◊ Optimized Canvas-based image cropping and uploading tool to enhance image quality and usability
- ◊ Implemented UI for user-based workflows (JavaScript/ SASS) for several key initiatives, including onboarding
- ◊ Created test suite and designed single function test modules to be stacked to create comprehensive tests

**HelixMusic.app (iOS Mobile App) | Mobile Developer (Front End)** **Contract, Remote | 07/20 - Current**

*Building entire UI in React Native based on Figma design layouts; this is a paid contract position through MVP*

- ◊ Implemented UI for user auth (RN/ Hooks/ Mobx) workflow with emphasis on error handling and verification
- ◊ Configured app to serve language translations with Expo localization and the i18n library

**Daily Zone (iOS Mobile App) | Mobile Developer (Front End)** **Remote | 09/20 - Current**

*Refactoring front-end code in Swift/ SwiftUI to add styles/animation; this is an equity position*

- ◊ Current UI is an MVP; once I have the new layouts, I will begin updating the front-end

**On the Level (studioonthelevel.com) | Consultant/ Website Builder** **Remote | 07/20 - Current**

*Building/ customizing Squarespace web solutions to match designer layout; this is a paid consultant position*

**WeWork Labs | Web Developer (Full Stack) Intern** **New York, NY | 06/19 - 08/19**

*Lead intern developer role in two product initiatives/ proof of concepts (React, Node) over two agile cycles*

- ◊ Developed custom matching algorithm (Node.js) and documentation to predict candidate success including:
  - Developing data-derived attribute profiles (JSON) to identify shared traits among highly rated contributors
  - Coding Node.js function to pair applicants to their closest profile match and return their likely success rate
- ◊ Developed solution (React) to prioritize user feedback and route it to the appropriate department including:
  - Training classification models using ML app to save time routing user messages and to add a priority score
  - Building web frontend (React) to sort feedback by department/priority in order to shorten time to response
- ◊ Wrote web scraping app (JS) to demo in-house data gathering as possible alternative to 3rd-party service

## OTHER TECH + LEADERSHIP EXPERIENCE

**Sole-Proprietorship | Freelance Web Designer + Photographer** **Registered in New York | 04/14 - Current**

*Web designer, production tech, photographer, photo editor - side gig to finish school*

- ◊ Provide web management services and technical expertise to commercial multimedia production houses
- ◊ Customize off-the-shelf web solutions for small-scale clients, with emphasis on UI/UX design

**L-3 Communications | Data Analyst & Supervisor** **Patrick Air Force Base, FL | 10/05 - 04/14**

*Department supervisor, budget manager, and part-time project manager ('10-'14); data analyst ('05-'10)*

- ◊ Developed project estimation toolset to automate pricing of external work requests
  - Analyzed ten years of cost data across multiple departments to improve accuracy of forecasted cost
  - Wrote macro scripts to calculate expected costs and export final estimate into contract-approved format
- ◊ Wrote macro scripts (VBA) to automate financial analysis and export (more accurate) charts for statusing
- ◊ Performed data manipulation (post, update, delete) and integrity checks via database GUI (PTC Windchill)

## EDUCATION + TRAINING

**City University of New York (CUNY) | BS degree in Computer Science** **New York, NY | Graduated 01/20**

**CUNY Tech Talent Pipeline | Selected Resident** **New York, NY | 2019**

*Completed Fullstack Application Bootcamp | MERN stack, MySQL, Auth, Pub*

**Hancock College | AS Degree in Electronics Technology** **Santa Maria, CA | Completed 01/17**