

LAWRENCE CASTILLO

Front End Developer (Web + Native) | New York, NY

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TECHNICAL SKILLSET

UI Development: JavaScript, TypeScript, Swift, HTML5, CSS3/ SASS/ LESS **UI Libraries:** React, React Native
Database: NoSQL (Firebase, MongoDB), RDBMS (MariaDB, PostgreSQL) **Data Management:** Hooks, Redux, MobX
Backend: Node, GraphQL, REST, JSON **Programming:** C++, Python, Perl **Cloud Platforms:** Google, Netlify, Heroku
Version Control: Git, repositories (GitHub, GitLab) **Terminal:** Bash, VIM

RELEVANT EXPERIENCE

11/20 Front End Developer (Native App) >>> Daily Zone (iOS Mobile App)

- Building entire UI (React Native) for deployment to iOS store
- Remote
- ◇ Implementing design system and workflow for user authorization (React Native/ Hooks/ Mobx)

07/20 Front End Developer (Native App) >>> HelixMusic.app (iOS Mobile App)

- Building entire UI (React Native); this is a paid contract position through MVP (on-hold for funding)
- Remote
- ◇ Implemented UI for user auth (React Native/ Hooks/ Mobx) and error handling workflow
- ◇ Configured app to serve language translations with Expo localization and the i18n library

10/20 Fullstack Web Developer >>> Artist Ursula Endlicher (ursenal.net)

- Ongoing consultant/ fullstack web developer for various net-art projects including new creative work
- Remote
- ◇ Refactored (PHP7, MySQL, JS, HTML5) circa-2010 net-art work "Light and Dark Networks" for exhibition at various worldwide venues including the Chronus Art Center in Shanghai

07/20 Consultant/ Website Builder >>> Studio On the Level (studioonthelevel.com)

- Building and customizing Squarespace-based web solutions
- Remote
- ◇ Work closely with designer to create actionable designs within SS framework then create sites

05/20 Front End Developer >>> Threshold.co

- 12/20 Implemented front-end (React, Redux, JSX/SASS) components and testing suite to finalize app
- Remote
- ◇ Optimized Canvas-based image cropping and uploading tool to enhance image quality and usability
- ◇ Implemented UI for user-based workflows (JavaScript/ SASS) for key initiatives, including onboarding
- ◇ Created test suite (Ghost Inspector) and designed modules for stacking into comprehensive tests

05/19 Selected Resident >>> CUNY Tech Talent Pipeline

- 01/20 1 of 36 selected residents. Completed fullstack bootcamp and advanced extracurricular coursework
- New York
- ◇ Fullstack Bootcamp Grad (\$17k sponsored): MERN stack + JS, Redux, PostgreSQL, Heroku

06/19 Fullstack Developer Intern >>> WeWork Labs

- 08/19 Developed custom prediction algorithm (Node.js) based raw data, research, and historical performance
- New York
- ◇ Developed data-derived attribute profiles (JSON) to identify shared traits among highly rated users
- ◇ Coded Node.js function to pair applicants to their closest profile match and return likely success rate
- ◇ Applied algorithm logic to proof-of-concept web tool (React/ Node.js) for presentation to leadership

OTHER TECH + LEADERSHIP EXPERIENCE

Department Manager, Project Control >>> L3 Communications

Patrick Air Force Base, FL | 10/05 - 04/14

Hardware Engineer, Lvl 4, Data Transfer >>> ITT/ Exelis

Vandenberg Air Force Base, CA | 08/04 - 10/05

EDUCATION

Bachelor's in Computer Science >>> City University of New York (CUNY)

New York, NY | Graduated 01/20

Associate's in Electronics Technology >>> Hancock College

Santa Maria, CA | Completed 01/17