

# Lawrence O'Regan-Lloyd

## Full-Stack Developer

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I am a compassionate, detail-oriented software developer that thrives in a team setting. Given my experience in collaborative spaces such as theater and film, I am drawn to workplaces with multiple teams working on many different pieces that need to come together into a unified whole. I translate ideas into reality.

### SKILLS

**Languages** - JavaScript, Python, SQL, C | **Database** - PostgreSQL, SQLite, MongoDB

**Libraries and Frameworks** - React.js, Vue.js, Express.js, Django, Mongoose, Flask, Bootstrap

**Other** - HTML, CSS, Jinja, Node.js, RESTful Routing, Git, Github, Heroku, Azure Web Apps, Azure DevOps

### RELEVANT EXPERIENCE

**TOP 2022, General Assembly x US Census Bureau:** Lead Full-stack Engineer | Remote **07/2015 - Present**

- Lead a team of 4 software engineers working as part of a 15 member cross-functional team of developers, designers, and data analysts in building a tool to help communities gain access to infrastructure grant funding
- Selected tech stack of Python, Django, PostgreSQL, and React.js to be deployed via Docker container in Azure DevOps using Agile methodology which will enable faster delivery, deployment automation, and smooth collaboration

**General Assembly:** Software Engineering Immersive | Remote **02/2022 - 05/2022**

- Completed a full-stack software engineering immersive program over the course of 12-weeks, amounting to over 450+ hours of study. Topics included computer science and programming fundamentals, object-oriented programming, data modeling, and RESTful API design. Developed a portfolio featuring individual and group projects, including, but not limited to:

#### **Trend Collider | PostgreSQL, Django, Vue.js, Bootstrap**

- Utilized the Bootstrap 5 framework to ensure a mobile-first responsive design
- Made calls to PostgreSQL back-end full CRUD RESTful API using Axios in Vue

#### **Out and About 5 | PostgreSQL, Express, React, Node.js**

- Using the OpenStreetMap API, suggested fun activities to users based on geolocation, including sharing custom activity lists featuring integrated Leaflet maps
- Built a PERN stack (PostgreSQL, Express, React.js, Node.js) application as part of a three student team
- Oversaw Git version control on Github ensuring code was smoothly integrated from team members

#### **Gemsweeper | HTML, CSS, JavaScript**

- Re-imagined the classic game Minesweeper using HTML, CSS, and vanilla JavaScript
- Utilized a recursive function for checking the state of the game board
- Page layout used CSS flexbox and grid along with hand-selected Google web fonts to craft a retro look

**Disney Channel:** It's a Laugh Productions & Salty Pictures | Los Angeles, CA **05/2018 - 03/2020**

- Served in a multitude of roles supporting Disney Channel productions including **Accounting Clerk, Construction Department Assistant, Set Production Assistant** and **Office Production Assistant** on productions such as "Raven's Home" Seasons 2-4, "Lizzie McGuire" Revival Season 1, and "Sydney to the Max" Seasons 1-2
- Created remote inter-departmental file system and Trello board to facilitate communication which increased construction speed and reduced downtime

**Harvard Law School:** Program Coordinator and Executive Assistant | Cambridge, MA **05/2015 - 08/2017**

- Led departmental transition to SAP Concur by educating and providing learning assistance for 50+ administrative assistants. This enabled paperless, efficient expense reporting which decreased waste and improved timeliness of delivery from administrative assistants to the finance department
- Created tool for automated application sorting and compiling using Zapier which allowed Fellowship application packets to be printed to Selection Committee specifications in one day, eliminating 30% of the previously used labor costs
- Maintained Professor Kennedy's website and Departmental page using HTML, CSS, Adobe Dreamweaver, & Wordpress

### EDUCATION

**GENERAL ASSEMBLY | REMOTE**

*Software Engineering Immersive*

**02/2022 - 05/2022**

**UNIVERSITY OF MASSACHUSETTS | AMHERST, MA**

*Bachelor of Arts in Communication and Theater; Film Studies Certificate*

**09/2009 - 05/2012**