

# Laura Van Dyke

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## TECHNICAL SKILLS

JavaScript, Express, PostgreSQL, Sequelize, React, Redux, Node.js, Git, HTML, CSS, Socket.io, TensorFlow, Mocha/Chai, Python, Heroku, ml5, Tone.js

## PROJECTS

**SynthCity** | Full Stack Developer | May 2021 | [github.com/PIKACHU-PACK/synth-city](https://github.com/PIKACHU-PACK/synth-city)

*Collaborative music making game where players take turns creating sounds with a sequencer to compose a song*

- Implemented game sessions, turn rotations, and other game mechanics using Socket.io rooms
- Designed and implemented flow of game, player, and music data through client and server sockets
- Tech Stack: Express, React, Socket.io, Tone.js, UUID

**Art Imitator** | Solo Developer | May 2021 | [github.com/lauravandyke/art-imitator](https://github.com/lauravandyke/art-imitator)

*Interactive application that uses machine learning to reimagine user images in the style of particular art works*

- Created four machine learning models, each trained on a painting, using an artistic-style deep neural network
- Developed a React app that employs the trained machine learning models to stylize user images
- Tech Stack: Express, React, ml5, Tensorflow

**Grace Plantter** | Full Stack Developer | Apr 2021 | [github.com/N7-Normandy/Grace-Plantter](https://github.com/N7-Normandy/Grace-Plantter)

*Robust e-commerce site where logged-in and guest users can browse and shop for plants*

- Implemented single-item page, including API routes, React component, and Redux store
- Built “Add to Cart” functionality, including toast notifications to provide feedback to user based on inventory
- Tech Stack: Express, PostgreSQL, Sequelize, React, Redux, React-Toastify, Mocha

## EXPERIENCE

**Clinical Project Coordinator** | EMMES | Rockville, MD (remote) | May 2020 – Feb 2021

- Designed and implemented process for reviewing 10,000 documents in preparation for closeout of a pharmaceutical study for a National Institutes of Health contracted company

**Business Development Service Agent** | Peace Corps | Sinthiou Bamambe, Senegal | Feb 2019 – Mar 2020

- Spearheaded refurbishment of classrooms, including building chalkboards and creating a mural promoting women’s literacy, for a community education center used by over 200 women and children
- Identified domestic and foreign clients for a publicly funded agriculture extension program

**Public Affairs Specialist** | Consumer Financial Protection Bureau | Washington, DC | May 2012 – Feb 2017

Promoted from Outreach and Engagement Associate, Feb 2015 | Promoted from Outreach Coordinator, Jun 2013

- Served as the primary liaison with the White House advance team and the Secret Service for logistics of President Obama’s October 2014 press event at the agency
- Managed monthly town halls and stakeholder meetings across the United States where agency Director interfaced with members of Congress, industry leaders, and members of the public
- Analyzed data on efficacy of press materials, drafted memos for senior leadership summarizing insights

## EDUCATION

**Fullstack Academy of Code** | Certificate in Software Engineering | New York, NY | Graduated May 2021

**Calvin College** | Bachelor of Arts in Philosophy | Grand Rapids, MI | Graduated May 2011

## LANGUAGES

Proficient in French and Spanish, conversant in Pulaar