

# Lawrence Yee

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## Technical Competencies

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JavaScript, Python, Java, Ruby, React.JS, Redux, Bootstrap, jQuery, SCSS, HTML5, CSS3, Adobe Photoshop, Adobe Creative, Three.JS, 3D Modeling, NodeJS, ExpressJS, MongoDB, Django, PostgreSQL, Mongoose, Flask, Github, Git, Heroku, Netlify, Restful API, API, Postman, Chrome DevTool, Autocad, Rhinoceros 3D, Revit, Autodesk

## Technical Experiences

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**Front End Developer Intern** | [GitHub](#) | [Deployment](#)

October 2022

*Levis Jean & Co.- Remote*

- Collaboration project with fellow engineers and UX to resolve excess clothing returns for garment industry
- Features: Users may alter their own avatar and adjust for size and gender as well as selection of jeans to select for size comparison.
- Functionality: utilizing react states to implement body proportions for current user, implemented js based css in order to dynamically alter display.

**Software Engineer Apprentice**

February 2022 – May 2022

*General Assembly - NY*

- Developed full-stack web applications in a agile environment with modern tech stack including React, Python, Django, MongoDB, Javascript, HTML, CSS
- Collaborated with a diverse team of fellow software engineers to create dynamic web applications

## Additional Work Experiences

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**Fabricator**

February 2021 – November 2021

*Timely Completion - NY*

- Collaborated closely with design teams throughout the construction process, establishing clear checkpoints and meticulous criteria to be fulfilled in order to ensure successful completion of all phases as a Fabricator.
- Developed accurate and precise construction documents, resulting in completion of each phase ahead schedule by estimate of 10% of time allocated to construction

**Architecture Designer**

September 2019 – November 2020

*DJ Associates - NY*

- Increased lease renewals for clients via accurate and precise Marketing plans by 20%
- Utilized 3D and 2D software to produce precise documents and presentations for both clients and construction, cutting pre-production time by 10%
- Actively surveyed job sites in order collect data which ensures accountability for all documents produced and cut down needed revisions by 25%

## Technical Projects

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**Kitchan** | [GitHub](#) | [Deployment](#)

January 2023

*React, CSS, React Three Fiber*

- Virtual showroom app developed with react three fiber
- Leveraged react hooks to alter react three fiber model parameters.
- Users have dynamic showroom edit capability

**Endless Bubble Frenzy** | [GitHub](#) | [Deployment](#)

*Javascript, HTML, CSS*

- Designed and incorporated a responsive user interface for a vanilla JavaScript game using HTML5, CSS3, and JavaScript.
- Leveraged display grid to mimic matrix graph
- Optimized game performance and minimized resource usage by implementing efficient algorithms

**Architype** | [GitHub](#) | [Deployment](#)

February 2023

*Javascript, Three.js, Rhino3d, WebGL*

- Dynamically included lighting, shading, and texturing to create a realistic and immersive 3D environment.
- Compartmentalized meshes into groups for easy modifications, increases browser loading speed
- Successfully implemented input options for users to dynamically explore the model

## Education + Certifications

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**Forage Software Engineering Virtual Experience ( JP Morgan Chase & Co.)**

2023

**Beyond Bootcamp Sprint**

2022

*General Assembly*

**New York City College of Technology**

2017- 2020

*Bachelors, Architectural Technology*