

Justin Ly

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Brooklyn, NY

EDUCATION AND HONORS

Rochester Institute of Technology | School of Interactive Games and Media

August 2018 - August 2022

Bachelor of Science in Game Design and Development, magna cum laude

GPA: 3.78

Dean's List: Fall 2018, Spring 2019, Fall 2019, Spring 2020, Fall 2020, Spring 2021, Fall 2021

Career Foundry | Full Stack Web Developer Course

July 2023 - Present

Projects Completed: Implementation of External API, Development of Custom API & Database, Creation of Client-Side React App for Custom API, Chat App Using GiftedChat

SKILLS

Digital Development Languages & Proficiencies: HTML5, JavaScript (ES6), CSS3, C#, SQL, NoSQL, OOP

Software Proficiencies: Visual Studio, Visual Studio Code, pgAdmin 4, Postman, Windows Powershell, Github

Web Technology Proficiencies: Angular, AWS, ES6, Expo, Firebase, Jest, Node, PostgreSQL, Puppeteer, React, React Native

PROFESSIONAL EXPERIENCE

ChangelingVR

Brooklyn, NY

Development Team Lead, Level Designer, Programmer

May 2022 - August 2022

- Led a team of three in the iteration, ideation, and development of a new level centered around the game's established narrative
- Handled communications between project leads and other teams to present clear expectations and improve collaborative efforts
- Maintained thorough documentation of development work and design decisions for the sake of future teams to iterate on

LEADERSHIP & VOLUNTEER EXPERIENCE

Local Community Swap Meet

Brooklyn, NY

On-site Coordinator

November 2022 - Present

- Volunteering at local libraries to manage regular events involving the exchange of large quantities of unwanted or donated items
- Appearing on-site early to coordinate with fellow volunteers to organize items and ensure an orderly experience for event-goers

Skyline Studios

Rochester, NY

Co-founder, Lead Coordinator

June 2020 - Present

- Assemble and lead a team of persons of varying skills to create story-driven video games and other narrative-focused content
- Design and develop primary game systems to create enjoyable and memorable interactive experiences for consumers
- Iterate on existing design decisions to innovate the field and make our products more unique and stand out to consumers

PROJECTS

GiftedChat Mobile App

Brooklyn, NY

Production Coordinator, Web Programmer

April 2024

- Built a real-time application (RTA) mobile chat app using React Native and GiftedChat
- Established online database for storing messages, files, and information through Firebase

Cinedata

Brooklyn, NY

Database Administrator, Web Programmer

August 2023 - September 2023

- Developed and managed a custom database of film and user information through a NoSQL implementation
- Engineered an API for use with the film database that allowed users to create their own accounts and search for film information
- Delivered user experience through the implementation of a React App

ADDITIONAL INFORMATION

Interests: Writing, Worldbuilding, Drawing, Storytelling, Game Development, Gaming, Baking

Other Proficiencies/Skills: Godot, Unity, Unreal Engine, Writing, Typing, Fast Learner, Problem Solving