

EDUCATION

Sept 2022 - Dec 2023 (Expected) **New York University, New York, USA**
Masters of Science (3.67), Bachelor of Science, Computer Science; Business minor
 Relevant Coursework: Algorithms Design, Computer Graphics, Offensive Security, Software Engineering

EXPERIENCE

Jun 2021-Present **Hall Pass Studios at NYU**
 Software Engineer / Art Director

- Designed and built two full-stack React webapps serving thousands of users
- Used Firebase for user analytics, tracking user progress and engagement
- Organized and managed workflow of a team of five artists, and oversaw quality and visual direction
- Pitched executive NYU stakeholders to secure expert advisor support and funding

May 2019-Aug 2019 **R/GA**
 Software Engineer / User Experience Design Intern

- Developed a hybrid web app prototype using Cordova for ordering food in person via QR code
- Composed pitch decks for ad campaign proposals to share with advertising clients
- Designed user experience flows and conducted market research for campaign targeting

PROJECTS

June 2022 **Commission Tracker**

- Developed a NextJS webapp using React and Typescript to help artists create profiles to track and organize progress on commissions and notify users on updates. Using Prisma ORM to interface with PostgreSQL database
- Interactive tracker react component published as a public NPM package.

May 2021 **Interactive Visualization of Schwarz-Christoffel Mapping**

- Developed a Django webapp serving a React static page calculating SC conformal Mapping on a polygonal domain, providing the first web resource for liquid physics simulations; hosted on Heroku

December 2020 **Remedi Electronic Health Record System**

- Developed a MERN stack web application in a group of 3, designed as a third-party Electronic Health Record (EHR) system to manage 100% of doctor-patient communication and organization

TECHNICAL

Stack: React.js, JavaScript, Python, SQL, MongoDB, C, C++, Django, HTML, CSS, NPM
Other: OpenGL, Godot, ExpressJS, NextJS, Adobe Photoshop, Figma, GitHub, SQLite, Binja, Burpsuite, D3.js

LEADERSHIP

Sept 2018-May 2019 **HACK THE PEARL 2019 (HSBC Data Modeling Competition)**
 Co-Founder / Director of Events & Coordinator

- Managed sponsorships, designed promotional materials, and coordinated event logistics for the first-ever joint data modeling hackathon in China
- Successfully raised over 80,000 RMB from sponsors such as Intel and Ruffood with HSBC as our title sponsor, for over 60 participants

Other:

2023 Participant, **UCLA's LACTF**

2021 Participant, **Stanford University's Treehacks**

2021 Dean's List, **NYU Shanghai**

2018-2023 5-Year Participant, **Global Game Jam**

2019-2020 Marketing Committee, **Asian Heritage Month NYU New York**

2018-2019 Learning Assistant, **NYU Shanghai Academic Resource Center**

2018-2019 Co-Founder and Secretary, **SPLICE Computer Science Student Organization**

2018-2019 President, **NYU Shanghai Volleyball Club**