Andrew Liu

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EDUCATION

Present	**New York University, New York, USA** **Masters of Science**, Bachelor of Science, Computer Science; Business minor Relevant Coursework: Computer Graphics, Offensive Security

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 (Firebase, MongoDB) • 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 for ordering food in person via QR code using Cordova • Composed pitch decks for ad campaign proposals to share with advertising clients • Designed user experience flows and conducted market research for campaign targeting

PROJECTS

May 2021	**Interactive Visualization of Schwarz-Christoffel Mapping** • Developed a Django.py 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, Docker, Tableau, D3.js

LEADERSHIP

Sept 2018- May 2019	**HACK THE PEARL 2019 (HSBC Data Modeling Competition)** 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	Active 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**