

# Andrew Liu

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github.com/NotLiu

## EDUCATION

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May 2021 **NEW YORK UNIVERSITY, New York, USA GPA: 3.282/4.0**  
**Bachelor of Science**, Computer Science; Business minor  
Relevant Coursework: Software Engineering, Design & Analysis of Algorithms, Database Design

## TECHNICAL

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**Stack:** React.js, Python, JavaScript, SQL, MongoDB, C, Unity and C#, Django, ExpressJS, NodeJS  
**Other:** Jira Workflow, Adobe Photoshop, Figma, GitHub Terminal, Docker, Tableau  
**Languages:** English (Native); Mandarin Chinese (Intermediate); Japanese (Basic)

## EXPERIENCE

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Jun 2021-Present **Hall Pass Studios at NYU**  
Web Developer / Art Director

- Designed and built two full-stack webapps, using Firebase and MongoDB Atlas
- Organized and managed workflow of a team of artists, as well as oversaw quality and visual direction
- Presented to stakeholders regarding direction of projects

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

- Developed a hybrid web app prototype using PhoneGap
- Wrote documentation for project proposals to share with advertising clients
- Designed user experience flows and conducted market research for project targeting

## PROJECTS

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May 2021 **Visualization of Schwarz-Christoffel Mapping (Front End & implementation of RESTful API)**

- 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 using Docker

December 2020 **Remedi (Back End & implementation of MongoDB Database)**

- 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
- Developed using an Agile development cycle, Developed Back End and designed MongoDB database and implementing 10 robust User Story tickets each sprint

## LEADERSHIP

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

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

**Other:**

2021	Active Participant, <b>Stanford University's Treehacks</b>
2018-2021	3-Year Participant, <b>Global Game Jam</b>
2019-2020	Marketing Committee, <b>Asian Heritage Month NYU New York</b>
2018-2019	Learning Assistant, <b>NYU Shanghai Academic Resource Center</b>
2018-2019	Co-Founder and Secretary, <b>SPLICE Computer Science Student Organization</b>
2018-2019	President, <b>NYU Shanghai Volleyball Club</b>