Justin Huang

(718) 210-7789 • justinhuang159@gmail.com

linkedin.com/in/justinhuang159 • github.com/justinhuang159

Education

NEW YORK UNIVERSITY | GPA: 3.2/4.0   **Expected Graduation: May 2020**

B.S. in Computer Science **|** Minor in Integrated Digital Media

Relevant Coursework: *Data Structures and Algorithms, Object Oriented Programming, Design and Analysis of Algorithms, Computer Architecture, Computer Networking, Computer Security, Intro to Databases*

Experience

HEAT.WAV | *Full Stack Developer*   **Jun 2018 – Nov 2018**
- Researched and designed the tech stack used in the implementation of a mobile app for music discovery
- Built a RESTful API using Node.js and Express.js for the frontend interface to interact with our backend servers
- Developed a frontend interface using React Native and Swift alongside lead UI designer and iOS developer
- Wrote a web scraping script with Python to access SoundCloud's API to allow our users to link their accounts

NYU DLTS | *Digital Imaging Lab Assistant*   **Oct 2017 – Sep 2018**
- Utilized multiple distinct Java validation scripts to confirm the metadata and formatting of our material
- Responsible for the quality control of digital content and approval for proper archival and online publication
- Worked with a team to ensure that the quality of the content met the standards given by the Library of Congress
- Trained in the operation of a high-resolution camera for the digital preservation of physical materials

THETA TAU | *Web Developer*   **Jan 2018 – May 2018**
- Headed the updating and maintaining members' portfolios and events using HTML, CSS, and JavaScript
- Decreased load time of images by optimizing the images' quality to ensure a more user-friendly experience
- Managed assets such as videos and photos by deploying an FTP application to transfer files to other developers

Projects

FINSTAGRAM | *Instagram Clone*   **Feb 2019 - Apr 2019**
- Engineered a web app for the sharing of photos using a MySQL database and Python Flask as a backend service
- Integrated PyMySQL client library to allow for smoother communications between the app and the database
- Wrote SQL queries to implement features where the retrieval and updating of data was necessary

CLOTHLY | *HackNYU 2018 Winner*   **Mar 2018**
- Worked together with a team to build an iOS app for a more efficient & incentivizing clothing donation process
- Set up a MariaDB database and developed a RESTful API with Python Flask to expose the database
- Designed a wireframe of the app and worked on the front-end interface using Swift and XCode tools
- Created a website to demo the app using Bootstrap, HTML, CSS, and JS and won the best domain name award

JUSTINHUANG159.GITHUB.IO | *Personal Website*   **Apr 2018**
- Designed a wireframe of the initial website to create clean interfaces and intuitive interactions and experiences
- Used Bootstrap as a starting point to build other features on top of base code using HTML, CSS, and JavaScript
- Incorporated animations by utilizing GSAP to transition from one CSS configuration to another on multiple pages

Skills

Languages: Python, C++, C, JavaScript, HTML, CSS, Swift, SQL
Design: Adobe Photoshop, Adobe Lightroom, Adobe Bridge, Windows Premiere, Final Cut Pro X, AutoCAD
Other: Git, Web Scraping, Node, RESTful APIs, MariaDB, MongoDB, MySQL, Binary Ninja, Wireshark, Hashcat