**Susan Lingshan Jiang**

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<https://github.com/susanjiang03> | Portfolio: <http://susanjiang03.herokuapp.com> | <https://www.linkedin.com/in/susanjiang03>

Seeking Full Time | Aspiring Software Developer | NYC Tech Talent Pipeline | Technology For Social Good

**SKILLS**

**General Tech:** Agile software development, SDLC, OOP, MVC, TDD, data structures, algorithms, data visualization

**Languages:** JavaScript (Proficient), Python (Proficient), PHP (Proficient), SQL (Proficient)

HTML5/CSS3 (Proficient), AJAX (Proficient), REST (Intermediate), Java (Prior experience), C++ (Prior experience), C# (Prior experience), Visual Basic (Prior experience)

**Frameworks:** Express, Django, AngularJS, Flask, Laravel (Beginner), Dot Net (Beginner)

**Libraries:** jQuery, Bootstrap, Google Charts, D3, React (Beginner)

**Applications:** Git, Node.js, Apache, Heroku, Scrum, Wordpress, Visual Studio, Microsoft Office

**Fluency:**  Professional Proficiency in English (written/verbal); Fluent in Mandarin (written/verbal)

**PROFESSIONAL EXPERIENCE**

***Web Application Developer Intern*, DreamGo Education Consulting Inc.,** New York, NY **01/2017 - Present**

* Building a DBMS for enterprise internal use and implementing new features in WordPress on external website
* Designing and developing apps to meet business requirements; web scrapping; data populating; data mining

***Full-Stack Developer***, **Cohort of** [CUNY Tech Prep](https://cunytechprep.nyc), [NYC Tech Talent Pipeline](http://www.techtalentpipeline.nyc), New York, NY **06/2016 - Present**

* Contributing to open source project under the mentorship of a current MongoDB engineer
* Selected for competitive yearlong industry-informed technical training program that blends a full stack JavaScript boot camp with individualized professional development coaching
* Implemented app ***BuildMe*** with Node + Express and PostgreSQL for the backend; HTML, CSS, JQuery, pug template engine for a responsive front end
* Performed automated testing; deployed to Linux VPS on Google Cloud Platform

***PHP/JavaScript Web Developer Intern*, Metropolitan Transportation Authority**, New York, NY **03/2016 - Present**

* Producing interactive tests web apps for train operators and creating new MySQL database administration pages
* Generating dynamic data visualization charts on web and data analysis reports of test performance for managers

***Web Developer,* CUNY Codes,** New York, NY **02/2016 - 04/2016**

* Selected for portfolio development program to develop a minimum viable product ***eOrganizer*** using Node.js

***Small Business Co-founder*, Shinelane Café Inc.,** New York, NY **12/2011 - 02/2013**

* Developed business plan, managed store daily operations and developed good customer relationships in community

**TECHNICAL PROJECTS**

**BuildMe­­***, CUNY Tech Prep*  **09/2016 – 12/2016**

* Collaborated in a 3-member team to develop a web app to solidify the connection between a homeowner and a contractor and will ease the process of finding the right contractor for the job
* Implemented features of homeowners posting, offering jobs, contractors searching, bidding and accepting jobs

**True Or False & Multiple-Choice Test,** *New York City Transit* **03/2016 – Present**

* A web application which tests MTA employee knowledge of operations, tracks and analyzes actions of choices

**Visual Codes** **10/2016 – Present**

* A personal web project which visualizes the algorithm of programming questions

**eOrganizer,** *CUNY Codes* **02/2016 – 04/2016**

* An event organizing web application, which empowered CUNY students through events by gamification

**Terrestrial Hydrology Viz,** *Data Visualization Coursework* **02/2016 – 05/2016**

* Applied scikit-learn Machine Learning tool in Python to find the data pattern of climate change indicators
* Produced interactive visualization web application of the clusters map with JavaScript D3 library

**Pipeline Monitor,** *Website Application Design Coursework* **09/2015 – 12/2015**

* Collaborated in a 4-member team to create a news aggregator to scrap main content from RSS feeds
* Implemented a pipeline monitor to monitor the process of generating data and a dashboard to visualize the result

**E-book Sharing System**, *Software Engineering Coursework* **09/2015 – 12/2015**

* Led a 3-member team to develop a Java desktop application which allowed registered users to share text files and super users to administrate e-book library and users

**EDUCATION**

**The City College of the City University of New York,** New York, NY  **Graduated: 12/2016**

Bachelor of Science - Computer Science

Minor - Mathematics

**AFFILIATIONS**

**Tech Programs:** CUNY Codes, CUNY Tech Prep (via NYC Tech Pipeline) **Since 02/2016**

**Meetups:** CUNY Tech Meetup, Women Who Code NYC, NYEdTech **Since 04/2016**

**Societies:** Society of Women Engineers **Since 01/2016**

**Hackathons:** JPMorgan Chase Code For Good Challenge Two-day Hackathon in New York **10/2015**