Lingshan(Susan) Jiang

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Aspiring Software Engineer | AT&T Research Lab | Make the World More Educated | Big Data | Machine Learning

SKILLS

General Tech:	Agile Software Development, OOP, MVC, Data Structures, Algorithms, Data Visualization, Big Data
Languages:	JavaScript (Proficient), Python (Proficient), PHP (Proficient), Java (Proficient), SQL, HTML5/CSS3
Frameworks:	Laravel, Express, Django, Flask, Dot Net (Prior experience), Apache Spark, Hadoop, jQuery, React JS, Angular JS, Google Charts, D3.js, Bootstrap
Applications:	Git, Node.js, Hive, Hadoop, Apache, MAMP, MongoDB, MySQL, Oracle SQL, Heroku, Scrum, WordPress
Fluency:	Professional Proficiency in English (written/verbal); Fluent in Mandarin (written/verbal)
Personal:	Interest and ability to learn other coding languages and frameworks as needed; goal-oriented, self-motivated

PROFESSIONAL EXPERIENCE

***Full Stack Developer,* ExterNetworks Inc.** with **AT&T Research Lab**, Middletown NJ   **05/2017 – Present**
- o   working on multiple web development and big data projects; manage offshore developers to ensure delivery on time
- o   working as part of a scrum team in an agile environment, write well-designed, high quality code and contribute to all phases of the Agile software development lifecycle.
- o   Tasked with designing and developing high-performance, scalable web applications, participate actively in the complete software development lifecycle, including performance analysis, design, development, testing, deployment & enhancement of new and existing applications.
- o   Provide reliable production support by rapidly diagnosing issues, creating fixes and deploying patches. Enhance quality through the use of continuous integration process and tools
- o   Development and maintenance of web based applications using Java, PHP, Python and Oracle PL/SQL; design highly usable GUIs using JSP, JavaScript, jQuery, Angular JS, Bootstrap and HTML/CSS.

***IT Specialist/WordPress Developer,* Dream Go Education Consulting Inc.,** New York, NY   **01/2017 - 05/2017**
- o   Developed enterprise application on WordPress; web scraping; data populating; data mining; server deployment

***Computer Application Support Specialist,* MTA New York City Transit**, New York, NY   **03/2015 - 05/2017**
- o   Produced interactive signal training test web apps for transit operators; maintained database and existing applications
- o   Generated dynamic data visualization charts on web and data analysis reports of test performance for managers

TECHNICAL PROJECTS

***Full-Stack Developer*, PlateRate Guru,** New York, NY   **04/2017 – Present**
- o   Collaborating with other engineers and developing a start-up project that rating restaurant at men-item level

***Software Engineer*, UCBA Game Tracker, United Chinese Basketball Association**, New York, NY   **05/2017 – Present**
- o   Developing web application which manages basketball games and live data and atomizes player statistics visualization
- o   Responsible for product design, database architecture, server development and data migration

***Full-Stack Developer*, Cohort of** CUNY Tech Prep, NYC Tech Talent Pipeline, New York, NY   **06/2016 – 12/2016**
- o   Selected for competitive yearlong industry-informed technical training program that blends a full stack JavaScript bootcamp with individualized professional development coaching
- o   Collaborated in a 3-member team to develop a full-stack Node js web app, ***BuildMe***, which was aimed to solidify the connection between a homeowner and a contractor and will ease the process of finding the right contractor

***Web Developer,* CUNY Codes,** New York, NY   **02/2016 - 04/2016**
- o   Selected for portfolio development program to develop a minimum viable product; designed and developed a team project ***eOrganizer***, an event organizing web application, which empowered students through events by gamification

Terrestrial Hydrology Viz, Data Visualization Coursework   **02/2016 – 05/2016**
- o   Applied scikit-learn Machine Learning tool in Python to find the data pattern of climate change indicators
- o   produced interactive visualization web application of the clusters map with JavaScript D3 library

Pipeline Monitor, Website Application Design Coursework   **09/2015 – 12/2015**
- o   Collaborated in a 4-member team to create a news aggregator to scrap main content from RSS feeds
- o   Implemented a pipeline monitor to monitor the process of generating data and a dashboard to visualize the result

EDUCATION

New York University, Master of Art in Digital Media Design for Learning	**Expected: 2019**
The City College of the City University of New York, Bachelor of Science in Computer Science	**Graded: 2016**

AFFILIATIONS

Societies	*Member*, Society of Women Engineers	**Since 01/2016**
Tech Programs	*Developer***,** CUNY Codes, CUNY Tech Prep (via NYC Tech Pipeline)	**Since 02/2016**
Hackathon	*Participant***,** JPMorgan Chase Code for Good Challenge, *Feed the Hunger*, New York	**10/2015**