**Jia Wang**

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**Education:**

**Brooklyn College, City University of New York**

**Bachelor of Science, Computer Science**

**Summary:**

Skilled programmer with working knowledge of Python, Java, C++, Javascript, C#, SQL, HTML, CSS, and Bootstrap. Avid problem solver, highly detail-oriented, and strong teamwork skills. Dedicated to providing high quality results by learning new processes and technologies and taking ownership of projects.

**Skills:**

**Programming Languages**: Python, Java, C++, Javascript, C#, SQL, HTML, CSS

**IDEs**: Sublime Text, Eclipse, Xcode

**Framework**: Bootstrap

**Version Control**: Git

**Operating Systems**: Windows, Mac OS, Linux CentOS

**Miscellaneous Software**: MySQL workbench, Cacti, Nagios, VMware ESXi, Microsoft Office

**Work Experiences**:

**New York City Department of Education** – Brooklyn, NY November 2016 - Present

**Enterprise Management Support Engineer**

* Write Python scripts to collect enterprise device information and store/retrieve information to/from database. Generate daily reports using database data to enable team members to access and remediate issues quickly.
* Test discovery and data collection scripts written by fellow team members, report bugs and anomalies to appropriate engineers, and hold discussions to fix issues.
* Review, debug, and optimize previously written Python scripts.
* Draft detailed procedures for setting up and troubleshooting system software and hardware.
* Tested new applications, document and report bugs, and offer suggestions on bettering user experiences.
* Troubleshoot and resolve network host anomalies and configuration errors.
* Ensured database data integrity by verifying data with dedicated teams or by manually checking host devices. Perform maintenance as needed to update, add, or delete data.

**New York City Department of Education** – Brooklyn, NYSeptember 2015 – November 2016

**Internet Protocol Digital Video Surveillance (IPDVS) Deployment Engineer**

* Engaged and collaborated with team members to create a Python script that connected to IPDVS servers to collect password, server serial and model number, and operating system information. The data gathered by the script allowed multiple teams to quickly search and retrieve information for troubleshooting server related issues and streamlining server and software replacement.
* Conducted training for new interns to become familiar with rigorous team standards and practices.

**Projects:**

**Pong**: A two player game developed using Java in Eclipse. The objective of the game is to get the opponent’s life count to zero. The game consist of two paddles and a ball. With each contact with the paddle, the ball increases in speed. A player loses a life if they fail to return a ball. When one of the player’s life count reaches zero, a window pops up announcing and congratulating the winner.

**Bot Trust**: A simulation developed using Java in Eclipse. The simulation illustrates and prints the actions of two ‘robots’ as they perform a series of button presses.

**Personal Website**: Developed using HTML, CSS, Bootstrap, and Google Maps API. The website presents my skills, work experiences, and places I have visited.