30 August 2015

43-03 157th St

Flushing, NY 11355

Mr. Josh Garden

Persistent Systems LLC

303 5th Ave, New York, NY 10016

Dear Mr. Garden:

I read your job listing for embedded software engineer on Stony Brook Handshake and I think I will be a good candidate for your company. I am a veteran and currently enrolled in Stony Brook University as an undergraduate sophomore majoring in computer science. I have a good knowledge of airfield operations as well as how embedded Linux operates on aircraft motors. My focus in school will be mastering the programming language of C and the Linux operating system.

During my 9 years of service in the Marine Corps, I was an aircraft mechanic. My responsibilities included removing and replacing parts, testing and troubleshooting aircraft components, operating the maintenance management system to make sure all work orders are up to date, and processing engine data through a Linux shell. This is when I grew interested in the embedded technology on modern aircrafts.

I hope by working with Persistent Systems, I will help the company by designing robust and secure systems for industrial and military use, while getting a firm grasp of how the embedded software industry operates. Attached is my resume and I’m also interested in a summer internship if there will be a position open for that. I will not waste that opportunity and complete every assignment like they are my missions in the military.

Sincerely,

Ian Suo

Stony Brook University Handshake Program

I.S.

Encl: My resume

**Yi Suo**

43-03 157th St, Flushing, New York 11355

(917)-232-7397

[ysuo85@gmail.com](mailto:ysuo85@gmail.com)

**HIGHLIGHTS**

* Customer Relationship Management
* Maintenance Documentation
* Technical Publications
* Work Center Supervisor
* Inactive Secret Clearance
* Aviation
* Linux

**PROFESSIONAL EXPERIENCE**

**Leadership**

* Received Navy Marine Corps Achievement Medal for providing clear, concise instruction to junior employees during technical trainings, and on the job trainings.
* Team lead for two Hackathons and ensured projects were of scale and completed within twenty-four hours.
* Supervised five to thirty-four employees while serving in the United States Marine Corps as a Non-Commissioned Officer.
* Managed work center’s dispersed technical publication library and ensured they were up to date, resulting in two perfect work center audits.

**Communication**

* Ensured pass downs and other written communications are well documented, resulting in zero-error maintenance in the maintenance shops supervised.

**Military Embedded Systems**

* Maintained and troubleshot Pratt and Whitney engines and processed engine data through a custom built embedded Linux operating system.

**WORK HISTORY**

**2007-2015: Aircraft Mechanic, United States Marine Corps**

**TRAINING AND EDUCATION**

* Sergeant of the Marine Corps, Honorably Discharged
* Pursuing B.S. in Computer Science. Estimated graduation at 2017.