

TRI VI

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EDUCATIONAL BACKGROUND

Bachelor of Science, Stony Brook University

8/2014

- Major: Electrical Engineering

TECHNICAL SKILLS

- Passionate about performance, security, usability, and distributed scalable systems.
- Proficient in Java, C++, Shell Scripting, and SQL.
- Strong knowledge in HTML/JavaScript/CSS, and Python.
- Experience in pair programming, agile development, code inspection, test-driven development.
- Development Tools: Mac/Linux/Windows, Git, Eclipse, Visual Studio.

WORK EXPERIENCE

Software Engineer - TCS Enterprise Solutions Group

9/2014 – 8/2016

- Involved in full-stack validation of the enterprise inventory management software.
- Performed frontend, backend, performance, security, and usability testing.
- Debugged and modified existing software to correct errors/crashes.
- Evaluated the system under load and collaborated with developers to fix performance regressions.
- Reviewed/tested code for security issues such as access violations, XSS, SQL injections.

Environment: Java, SQL, RESTfull Web Services, JUnit, JMeter, Git, Selenium, SoapUI

Software Engineering Intern at Stony Brook University Hospital

1/2013 – 8/2014

- Participated in development and testing of software modules for healthcare application.
- Performed various code reviews and was involved in five pair programming sessions.

Environment: Java, JSP, Spring MVC, Jenkins, Maven, JUnit, JavaScript, HTML, CSS

ACADEMIC PROJECTS

Multitasking Security - Safety Robot

- Developed a multi-functional automatic home security system in Python that could detect unusual physical and chemical harms within the house, and notifies the homeowner wirelessly.

Advanced Data Structure

- Developed Data Signal Filtering application in C++.