

SHAWN FENG

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OBJECTIVE

To obtain a SQA / Test engineer position in engineering that utilizes knowledge in technology
(Authorized to work for any employer within the U.S., no sponsorship is required now or in the future)

EDUCATION

University of Virginia, School of Engineering and Applied Science Charlottesville, VA
B.S. Electrical Engineering May 2015

RELEVANT EDUCATIONAL EXPERIENCE

(OOP) Java, C#, (Scripting) Python, (Software Development Methodology) Agile, Scrum, Waterfall, (Testing) Functional testing- Unit, Integration, System, Acceptance, Non-Functional testing- Performance, Compatibility, Usability (Testing tool) Selenium, LabView, Junit, (OS) Windows, OS X/Unix, Linux, (Basic understanding of web and mobile development) HTML, CSS, JavaScript, Android SDK, PHP, MySQL, MongoDB etc.

RELATED WORK EXPERIENCE

Brooks Automation Inc. Fremont, CA
SQA Engineer Sept, 2015—April, 2016

- Designed and executed functional manual black box testing-Unit, Integration, System, Acceptance
- Conducted non-functional testing-Performance, Compatibility, Usability, Reliability
- Performed white box testing using C# (Visual Studio & Team Foundation Server) on an automation host software. Replicated customers' use environment, reproduced issue, fixed bugs, generated test cases, executed tests, reviewed and updated related documentations over every 1-month development sprint.
- Collaborated with cross-functional teams both onshore and offshore, provided comprehensive customer support across three continents.
- Managed software engineering lab. Organized lab tools, set up and prepare testing environments, assembled and disassembled systems based on technical drawings and specifications.

Product Marketing Intern May, 2015—Sept, 2015

- Led reliability and performance testing on one of the latest product line. Executed, collected and analyzed more than 1,000,000 data points in combine over the course of 10 month.
- Initiated in extending reliability test platforms to all equipment in the labs onsite.
- Designed data collection schemes across each platforms and convinced other groups to participate
- Wrote lower level python automation test script to operate and test robots and machineries, and used LabView program to observe and capture system instability down to nanometer range
- Designed test plan and cases for step motor measurements to improve linearity of the mechanical devices within the robotic system and reduced vibration for overall system
- Assisted to perform competitor analyses and cost evaluations for new semiconductor automation solutions.

Gale Cengage Learning Farmington Hills, MI
Software Development Intern May, 2014—August, 2014

- Built an interactive web collaboration application using AngularJS, SocketIO, NodeJS with Express and MongoDB
- Replaced the use of google doc for conducting lean-coffee style meeting between different offices across the nation by using this app
- Understood entire flow terminology for web and mobile app development from front to back end