

Baynham Makusha

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I am a Towson University graduate offering a strong foundation in software engineering and programming principles across multiple platforms. I am experienced in object-oriented programming; developing, testing and debugging code; designing interfaces; and administering systems and networks. I have a good strong technical aptitude, great problem solving skills, hands on experience with multiple technologies, and a motivated individual.

Education

Towson University -- Towson, MD

Bachelor of Science in Computer Science

Graduated: May 21st, 2014

- Academic Honors: IEEE Computer Scholar Award (2013), Dean's List (6 semesters), GPA (3.53)
- Member of the Golden Key International Honor Society of Towson University
- Member of the Tau Sigma Chapter of Towson University

Qualification Summary

- Experience in Test Driven Development (TDD)
- Understanding of system architecture and component-based architecture and design
- Good level of understanding with relational databases and SQL
- Experienced web developer (Utilizing web technologies: JQuery, AngularJS, Bootstrap, PHP and EmberJS)
- Experience with use case modeling, data flow diagrams, TSPs and entity relational diagrams
- Understanding and experience with the Software Development Life Cycle (SDLC)
- Good verbal and written communication skills and team player
- Ability to solve problems and create automation systems
- Ability to create test cases/test plans, conduct stress tests and debug at the source level
- Clear understanding of algorithms, computer architecture and user experience

Technical Skills

- Languages: C++ (proficient), and Java (proficient) (IDEs: Visual Studio, XCode, Eclipse)
- Methodologies: Agile, and Waterfall
- Mobile Development: iOS, and Android

Employment Experience

General Electric Intelligent Platforms – Foxboro, MA

Software Engineer in Test, September 2014 - Present

- Collaborated with developers, leads to assess the ROI of products, prioritize needs and produce high quality software changes for the Production Industry applications that GE marketed.
- Completed setup of a compatible test site that allowed UI, Load and API testing which made conducting test cases/plans effortless.
- Responsible for debugging at the source level after identifying, and investigating the bugs.
- Implemented and maintained an automated functional tests using Visual Studio Professional and Selenium.

General Dynamics IT – Towson, MD

Software Automation Tester Intern, June 2013 – June 2014

- Shadowed development of software changes and configured automation tests for the applications that General Dynamics marketed.
- Created sessions for testing applications and created robust automated regression tests according to test plans.
- Responsible for creating various user application environments (oracle and SQL server platforms).
- Implemented and maintained an automated functional tests using Quick Test Professional and Selenium.