Michael Winget

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Experience

Eze Software Group, Boston, MA

Software Engineer in Test   **March 2018 - April 2019**
- Investigated and debugged daily automation failures to verify there were no production issues on current software version
- Worked with product managers to develop custom tests plans to ensure customer functionality was working as expected
- Converted product checklist from a manually run operation (run once every six weeks) into a series of automated tests (which are run daily)
- Helped lead the quality initiative to implement automation of product checklists for other teams

Associate Quality Engineer   **April 2017 - March 2018**
- Coordinated with product managers and developers to work on corrective action plans for issues reported by customers
- Led documentation process for creating work instructions and testing new features developed by the electronic trading team
- Assisted in running performance tests before every release of new software to ensure KPIs was at an acceptable level
- Supported product solutions team hotfix request process by replicating and verifying bugs reported on previous versions

United Technologies Aerospace Systems, Vergennes, VT

Product and Process Engineer   **June 2016 - April 2017**
- Worked with production teams to create visual basic programs to track first pass yield on a month-to-month basis
- Developed VBA programs for test engineering, incorporating statistical analysis to examine irregularities in test equipment
- Worked with manufacturing lines on Production Part Approval Process projects which included working on process failure modes and effects analysis, running Gauge R & R tests and five Y diagrams

Product and Process Engineer Intern   **May 2015 - August 2015**
- Assisted the finance team by creating a methodology to validate a learning curve application for cost analysis
- Worked with production teams to raise their Cpk values above 1.5 in order to achieve internal certifications
- Observed builds of products to help update work instructions and build documentation

Education

Northeastern University, San Jose, CA   **Expected Completion: May 2022**
- Online/Part time Masters of Science in Computer Science

Tufts University, Medford, MA   **September 2012 - May 2016**
- Bachelor of Science in Mathematics (GPA: 3.33)

Projects

SwimWorks
- Leveraging python (BeautifulSoup, Pandas, Matplotlib) to help college swim coaches evaluate prospective student athletes
- Helping coaches understand where recruits stand versus team/conference/national level

Skills

Programming: Java, C#, SQL, HTML, CSS, JavaScript, Data analytics, OOP
Other: Agile Development, Scrum, Kanban, PPAP, Six-Sigma, Lean Manufacturing

Activities

Co-Facilitator, *Girls Who Code*   **April 2019 - April 2020**
- Co-taught a GWC club, teaching programming to girls in middle school and high school
- Girls create their own websites, using HTML, CSS, and Javascript

Varsity Swim Team Member, *Tufts University*   **September 2012 - May 2016**
- Captain of Tufts Swimming and Diving Team (2014-2015 & 2015-2016)
- 6 time All-American (Top 16 at NCAA Swimming and Diving Championship)