

## **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)
- Led 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**

- Evening/Weekend/Online Masters of Science in Computer Science

#### **Tufts University, Medford, MA**

**September 2012 - May 2016**

- Bachelor of Science in Mathematics

### **Skills**

**Programming:** Java, C#, C++, SQL, VBA, MiniTab, Python, data analytics

**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)
- 4 time Most Valuable Swimmer