Olivia Apperson

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**Education**

**Honors Bachelor of Sciences in Computer Science Anticipated Graduation Date: December 2017**

University of Missouri Columbia, Missouri

Minor: Math GPA: 3.86/4.00

**Suma Cum Laude and College Preparatory Certificate Graduation Date: June 2014**

Francis Howell High School St. Charles, Missouri

Unweighted GPA- 3.98 of 4.00 | Weighted GPA- 4.73 of 4.00

**Professional Experience**

**IT Project Management Intern**, *The Boeing Company*, St. Louis, Missouri

**Business & Supply Chain Systems Operations May 2016-August 2016**

* Managed company-wide Enterprise Lean CVQ at the IT departmental level to reduce operational costs by 50% in order to fund 2CES
* Analyzed monthly KPIs to access Overall System Health by conducting RCAs to drive performance improvements, discover system health issues, and aid in identifying future prevention
* Developed a single website utilizing CMS and HTML for the newly formed Business and Supply Chain Systems Operations, uniting three separate organizations: PMO, Architecture, and Run
* **Project management**
  + **Right Size Operate BSCS**- engaged Directors in the area of Finance System, Supply Chain Systems, and HR Systems to reduce costs within B&SCS, and analyzed Opportunity Matrix for quality and cost improvements
  + **Security & Compliance IPT**-Monitored compliance, scheduling, and task management in order to implement a proof of concept in support of the Enterprise Lean CVQ
  + **Rationalize Service Levels**-Drafted proposal at the executive level to implement Tiered Service Level Offerings for Applications across all of IT
  + **Common Service Intake**-Performed taxonomy analysis of service engagement methods in order to determine a standardized intake process
  + **Records and Information Management(RIM)**-Tracked compliance in transitioning to the new RIM tool in order to provide an efficient outlet for records retention, government auditing, and version control

**Undergraduate Research** **in Consumer Networking Technologies***,**University of Missouri,* Columbia, Missouri

**Sponsored by the National Science Foundation May 2015-July 2015**

* Conducted research on creating a Hands-Free Augmented Reality for Mass Casualty Disaster Triage Co-ordination
* Developed Panacea’s Cloud: a Responder Theater Dashboard that Integrates Internet of Things Applications such as Virtual Beacons, QR Codes, and Heads Up Displays in order to improve communication and coordination in emergency and disaster situations
* Performed heating, connection, and usability experiments in order to assess the efficiency of Panacea’s Cloud in a disaster scenario
* Submitted a technical paper to the *2016 IEEE Consumer Communications and Networking Conference* in Las Vegas

**Undergraduate Research Assistant,** *VIMAN Lab, University of Missouri*, Columbia, Missouri

**Funded by the Coulter Foundation August 2015-Present**

* Continued development on Panacea’s Cloud by improving the database, frontend, and Internet of Things integrations
* Performed demonstrations and a presentation at the *Consumer Electronic Show* and *Consumer Communications and Networking Conference* in Last Vegas
* Researched and analyzed technical papers with intentions to incorporate them in the next technical paper

**Computer Languages& Competencies**

* **Competencies:** Lean/Six Sigma, OPD, VSM
* **Tools:** SharePoint Administrator, TFS Administrator, Excel (Intermediate), PowerPoint (Advanced), Microsoft Visual Studio
* **Languages:** Java, HTML, JavaScript, AJAX, C, Visual Basic, PHP, MySQL, Swift

**Leadership & Activities**

HackIllinois March 2016

Mizzou Computing Association/ACM—Director of Communications January 2015-Present

Apple Watch Competition—Co-Founder of FitGeek September 2015-Present

Society of Women Engineers September 2014-Present

Reformed University Fellowship Church August 2014-Present

**Awards/Honors**

William R Kimmel Engineering Scholarship June 2016

College of Engineering Award February 2016

Vincent Smith Engineering Leadership Scholarship June 2015

Bright Flight Scholarship May 2014, June 2015

Freshman Engineering Scholarship May 2014

Chancellor’s Award May 2014, June 2015

**Volunteer Experience**

P&G Woman’s Gymnastics Championships June 2016

Cinderella Project April 2013-May 2013, April 2014-May 2014

Francis Howell Special Olympics Track and Field March 2013-June 2013, March 2014, June 2014

Francis Howell Special Olympics Softball June 2013-July 2013

Hope Food Pantry June 2013-July 2013