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EDUCATION

Bethlehem, PA	**Lehigh University**	**Class of 2016**

Major: BS Integrated Computer Science and Business (CSB) *Certifications:* Scaled Agile Framework for Enterprises (SAFe)
Relevant Coursework: Small Business Consulting, Supply Chain Operations Management, Data Structures, Algorithms.

LANGUAGES AND TECHNOLOGIES – HIGHEST TO LOWEST PROFICIENCY, LEFT TO RIGHT IN EACH CATEGORY

Languages: Java, Oracle SQL, JS, HTML5, CSS3, C#, C++   *Miscellaneous :* Azure, Parse, Windows App Dev, ACL, SAP
Frameworks: jQuery, Node.js, Angular.js, Git   *Other:* Korean (Fluent)

EMPLOYMENT

Software Developer Intern	**Seagate Technology**	**Summer 2015**

- Developed Java software focused on using the ojdbc libraries to connect to the Oracle database for customer use.
- Wrote Oracle SQL scripts for Big Data analysis with raw data to find patterns and relationships for development.

Windows Phone App Developer	**Microsoft Corporation (Sphero Pilot Project)**	**Summer 2015**

- Developed a motion-perfect game for the Windows 8.1 phone with a MYO to control the Sphero.
- Utilized Azure's mobile/cloud services to run node.js (required) in order to create listening ports for the devices.
- Parsed audio files into ranges of various decibel levels of frequency using p5.js to generate dynamic game files.

Microsoft Student Partner	**Microsoft Corporation**	**Fall 2014 - present**

- Develops apps/demos, demonstrates the newest technologies, and hosts tech events on campus.
- Acquires the tools and training to lead technology workshops and builds my global network with industry experts.

Web Developer	**IMRC**	**Fall 2012 – Fall 2014**

- Utilized Drupal 7 to manage and update Lehigh websites for the College of Arts and Sciences.
- Processed monthly requests from Arts and Sciences to create them new websites operating the Zen theme.

TECHNICAL EXPERIENCE

Projects

- **Oculus Drift** *Winner of the Best Medical Hack by Merck <u>and</u> winner of the Best Embedded Hardware Hack by L3-Communications*, *HackRU, Rutgers University* (2015). Built a wireless chassis controlled by a MYO armband and a camera connected to the chassis that is controlled by an Oculus rift with using the laptop as the central controller.
- **eMeteAidor** *Winner of the Microsoft Prize, NASA's SpaceApps Hackathon* (2015). Developed an early response protocol web app for when meteorites or asteroids have made impact on Earth. Technologies used: Microsoft Azure, Facebook's Parse, Microsoft's Bing Search Engine. APIs used: Google Maps, Venmo, PayPal, Yelp.
- **NY Company Matcher** *Winner of the Best IBM Bluemix Hack***,** *HackNY, Columbia University* (2015). Developed a website that helps VCs find which company to invest in and job seekers find which company they want to look for by using Glassdoor's API and IBM's supercomputer Watson technology, Personality Insights.
- **Calendar Web App** *Winner for crowd's favorite, HackNYU, NYU* (2013).   Developed a web app using Facebook's Parse (server-side), Modernizr JS, Handlebar JS, and Facebook's API for users to plan their events more efficiently.

LEADERSHIP/MANAGEMENT EXPERIENCE

Project Manager	**DaVinci Science Center Museum**	**Spring 2015 - present**

- Developing an iOS application that shows the museum's dynamic schedules for tourist users for capstone project.
- Manages weekly reports, meetings, and communication between the client and the team to meet set deadlines.

Community/Programming Chair	**Association of Computer Machinery**	**Fall 2013 - present**

- Runs workshops to undergraduate/graduate students to teach HTML, CSS, JS, GIT, RUBY, ROR, and Azure.
- Ran a tech talk where the Lockheed Business Leader spoke about a career at innovator in technology.

Residential Advisor (RA)	**Gryphon Society**	**Fall 2013 – Spring 2015**

- Served as an immediate sources of support and assistance by living on a hall of 48 undergraduate students.
- Practiced expert discipline training on how to deal with crisis/conflictual situations such as hazing, bias related incidents, gender-violence, and suicide.

Vice President	**University Productions**	**Spring 2013 - present**

- Handles over $500,000 in club funds and allocating it between different branches of the club.
- Won "Best Programming Award" of the 2013-2014 year for single-handedly planning and executing the Lehigh University Halloween Festival using $6,000.