**Education**

**Dartmouth College,** Hanover, NH **Expected June 2019**

*Bachelor of Arts, major in Computer Science Modified with Engineering, minor in Women and Gender Studies* GPA: 3.50/4.00

Relevant Coursework: Systems Engineering, Problem-Solving via Object Oriented Programming, Discrete Probabilistic Systems

**Newport High School**, Bellevue, WA **September** **2011 – June 2015**

Honors/Achievements: *Class rank 4/379*, *4-year American Invitational Mathematics Examination Qualifier (USA top 0.5%), Mu Alpha Theta Math Competition – 3-year State Champion, National AP Scholar,* SAT: 2300/2400 (R:750 / M:790 / W: 760)

**Work Experience**

**Symantec Corporation**,Boxborough, MA **Jan. 2017 – Mar. 2017**

*Intern – Software Engineer*

* Managed and oversaw the design and engineering process for 2/15 user interface features of SSL Visibility 4.x, the newest network protection product that protect customer sign-in private information for Fortune 1000 clients.
* Implemented the ability to manage user information with simple clicks and user-friendly type-in commands (parts of above management process). Features were launched and influenced J.P. Morgan’s decision to increase investment in our product.
* Wrote a ~20-page feature specification to document development process, instructions, and potential issues for customer read. Presented in front of 10 engineers and received approval for implementation of both features.

**Izentis LLC**,Cambridge, MA (Consulting Engineering for NASA and MIT) **June 2016 – Aug. 2016**

*Intern Engineer*

* Designed and implemented MIT’s Space Nanotechnology Laboratory and NASA experiments to develop NASA’s next-generation x-ray telescopes, a 3-year project to enhance studies of the universe’s makeup.
* Collaborated with another intern to research and experiment with 20+ different solder-bonding methods and document 20+ page reports. Successful experiments in the former will be used for connecting the 1000+ mirrors in the telescopes.

**Philips Healthcare**,Bothell, WA **Sept. 2014 – June 2015**

*Research and Development Intern*

* Collaborated with 5 medical doctors to properly identify and produce a database of more than 1300 patient heart rhythm samples from Australia, Netherlands, and Washington using Matlab and Microsoft Access programs. This database was a basis for Sherlock, an algorithm for AED devices that maximized the reduction of the average time of cardiac resuscitation.

**Leadership Experience & Service**

**Dartmouth Information Technology Services**, Hanover, NH **Mar. 2017 – Present**

*Student Consultant, Former Assistant Student Consultant*

* Identify and resolve a range of 10+ software issues, including printer installations, backing up information, and Wi-Fi connectivity issues for 20+ students each week.
* Simplify technical jargon and communicate next steps if necessary through online chat, walk-ins, and emails in order to ensure technical issue has been resolved and student has been able to move forward.

**Dartmouth Coalition for Immigration Reform, Equality, and Dreamers**,Hanover, NH **Mar. 2017 – Present**

*Incoming Director of Finance, Former Director of Communications*

* Reached out to 13 student organizations on nationwide college campuses supporting immigration rights, immigration lawyers, and immigration rights activists to build an alliance for supporting undocumented students.
* Revamped current website and manage social media accounts to reflect current memberships, update ongoing projects, and news for undocumented students. Increased website traffic by 15% and responded to concerns and reach outs via email.

**Dartmouth Korean Students Association**, Hanover, NH **Sept. 2015 – Present**

*Korean Culture Night Chair*

* Directed a campus-wide event with 150+ attendees and 30+ performers to promote awareness in Korean culture, ranging from Korean traditional dances and drums to modern K-pop dances and songs.
* Communicated with 6 on-campus student groups including cultural, dance, and singing groups to recruit performers.
* Managed and received approval for a budget of $2,600 to cook Korean food and book the venue; $800 more than last year.

**Technical Competencies, Additional Activities, and Other**

**Programming:** C, C++, Java, Matlab, HTML/CSS, Python, Basic Bash, Microsoft Office

**Languages:** Korean (Native)

**Activities**: Peer Ambassador at Center for Professional Development (CPD), Directing through Recreation, Education, Adventure, and Mentoring (Social Chair), Research at Thayer School of Engineering, Chi Gamma Epsilon Fraternity, Club Swim

**Interests:** Poker, Traveling, Rapping in Korean, Swimming, Running