JOO HYUN (STEVEN) KIM

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EDUCATION

Dartmouth College, Hanover, NH **Expected June 2019**
Bachelor of Arts, major in Computer Science Modified with Engineering, minor in Applied Mathematics

Newport High School, Bellevue, WA **September 2011 – June 2015**
Awards: *4-year American Invitational Mathematics Examination Qualifier (USA top 0.5%), Mu Alpha Theta Math Competition – 3-year State Champion, Presidential Service Award, National AP Scholar, Northwest Math Championships – Individual 3rd place*
SAT (CR/M/W): 750/790/760

WORK EXPERIENCE

Mosaic Sales Solutions LLC, Hanover, NH (Marketing & Sales for Fortune 1000) **May. 2017 - Present**
Dell Brand Ambassador

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

- Assist 20+ students each week through identification and resolving a range of 10+ software issues, including printer installations, backing up information, and Wi-Fi connectivity issues. Simplify technical jargon and communicate next steps if necessary. Communication platforms include online chat, walk-ins, and emails.

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 (Symantec's newest network protection product) that protect customer sign-in private information with simple clicks and user-friendly type-in commands. Collaborated with 2 interns and 2 senior engineers. Features were successfully integrated and launched for Fortune 1000 clients, and influenced J.P. Morgan's decision to increase investment in our product.
- Wrote 20+ page feature specifications 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

- Supported MIT's Space Nanotechnology Laboratory and NASA on the design and implementation of 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 Coalition for Immigration Reform, Equality, and Dreamers, Hanover, NH **Mar. 2017 – Present**
Director of Communications

- Reach 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

- Direct a campus-wide event consisting of audience of size 150+ and 30+ performers to promote awareness in Korean to promote awareness in Korean culture, ranging from Korean traditional dances and drums to modern K-pop dances and songs. Communicate with 12 on-campus student groups including cultural, dance, and singing groups to recruit performers.
- Managed and received approval for a budget of $2.6k to purchase and cook Korean food and book the venue.

TECHNICAL COMPETENCIES, ADDITIONAL ACTIVITIES, AND RELEVANT COURSEWORK

Programming: C, C++, Java, Matlab, HTML/CSS, Python, Bash, Microsoft Office
Languages: Korean (Native)
Activities: Research at Thayer School of Engineering, Chi Gamma Epsilon Fraternity, Club Swim
Coursework: Systems Engineering, Problem-Solving via Object Oriented Programming, Discrete Probabilistic Systems