

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 1%), Mu Alpha Theta Math Competition – 3-year State Champion, Presidential Service Award, National AP Scholar, Northwest Math Championships – Individual 3rd place

WORK EXPERIENCE

Mosaic Sales Solutions US Operating Co., LLC, Hanover, NH **May. 2017 - Present**
Incoming 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

- Led 2 interns and worked with 2 security engineers to design, engineer, and write feature specifications for 2 out of 15 user interface features of SSL Visibility (newest network protection product) that protect customer sign-in private information and enable management of other private data with simple clicks and user-friendly type-in commands.
- Collaborated with two engineers to develop a program that updates a database of 30+ existing security vulnerabilities on an Operating System and sends weekly updates to 20+ engineers, who can now easily identify and eliminate vulnerabilities.

Izentis LLC, Cambridge, MA (Consulting engineering firm 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 Medical Systems, 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 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.
- Manage Facebook and Twitter accounts, researching and posting relevant content such as petition forms, immigration policy changes, and panels on immigration reform once a week.

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 AND ADDITIONAL ACTIVITIES

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

Languages: Korean (Native)

Activities: Chi Gamma Epsilon Fraternity, Club Swim, Rockefeller Management and Leadership Development Program