

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 Women and Gender Studies

Activities/Leadership: Directing through Recreation, Education, Adventure, and Mentoring (Mentor, Social Chair), Information Technology Services (Consultant), Chi Gamma Epsilon, Club Swim, Korean Students Association (Korean Culture Night Chair)
Courses: Principles of Marketing, Discrete Probabilistic Systems, Discrete Math in Computer Science, Systems Engineering

Newport High School, Bellevue, WA **Sept. 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: R750 / M790 / W760

RELEVANT EXPERIENCE

Xela Capital LLC, Seattle, WA (Remote, Boutique Trading Firm) **Sept. 2017 – Present**
Market Research Analyst

- Maintain up-to-date equity index levels and commodities prices to propose short-term trading ideas to portfolio manager by using news wire services and brokerage research.
- Perform real-time analysis on economic releases including GDP data, ISM manufacturing reports, non-farm payroll, and housing starts as part of aforementioned research.

Dartmouth Center for Professional Development, Hanover, NH **June 2017 – Present**
Peer Ambassador

- Cold-called and emailed 250+ alumni in the software, healthcare, and consulting industries through the Dartmouth Career Network to obtain actionable advice on career development to provide students.
- Organize professional development info sessions and drop-in service that engage Dartmouth students with Center services and tools for off term job searches.

Symantec Corporation, Boxborough, MA (IT Security Company) **Jan. 2017 – Mar. 2017**
Intern – Software Engineer

- Successfully delivered 2 new features of a network protection product that mitigates user login security vulnerability issues for Fortune 500. Established a clear timeline to collaborate with 5 engineers and interns.
- Allowed easy management of private information and influenced a major bank's decision to invest in product by creating user friendly interfaces that react to simple clicks and type-in commands.
- Documented development process, instructions, and potential issues for customer read by writing a ~20-page feature specification. Received approval for implementation of both features by presenting in front of 10 engineers.

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

- Contributed to developing NASA's next-generation x-ray telescopes, a 3-year project to enhance studies of the universe's makeup, by designing and implementing MIT's Space Nanotechnology Laboratory and NASA proprietary experiments.
- Researched and experimented with 20+ different solder-bonding methods and document 20+ page reports by collaborating with another intern. Successful experiments in the former will be used for connecting the 1000+ mirrors in the telescopes.

Thayer School of Engineering at Dartmouth, Hanover, NH **Jan. 2016 – May 2016**
First-Year Research Assistant – one of the ten selected first-years

- Enabled safe imaging and injection of pancreatic cancer cells into chicken membranes by designing, 3D-printing, and assembling a microscope stage. Assembled microscope became main apparatus for my mentor's 3-year research project and reduced usage time by half.

Philips Healthcare, Bothell, WA (Healthcare & Electronics Company) **Sept. 2014 – June 2015**
Research and Development Intern

- Classified, analyzed, and produced a database of 1300+ abnormal patient heart rhythm samples from 3 different countries by collaborating with 5 medical doctors. Database became a basis for the algorithm of next-generation automated external defibrillators that maximized the reduction of average time of cardiac resuscitation.

TECHNICAL COMPETENCIES AND INTERESTS

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

Languages: Korean (Bilingual)

Interests: Poker, Traveling, Rapping, Swimming, Running