Jason Kim

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Education

Princeton University, Princeton, NJ   **May 2021**
Concentration: AB Computer Science, GPA: 3.888
Honors: Summa Cum Laude, Sigma Xi Book Award, Outstanding Computer Science Senior Thesis Prize
Relevant Coursework: Information Security, Introduction to Machine Learning, Computer Networks, Computer Vision

Camas High School, Camas, WA   **June 2017**
Class of 2017 Valedictorian, Unweighted GPA: 4.0

Experience/Research/Projects

***1st Lieutenant, Infantry Officer*, US Army**   **2021 - Present**

Platoon Leader, A Co, 1-18 IN, 2ABCT, 1ID   **2023 - Present**
- Responsible for the command and control, planning, collective training, health and readiness of 36 Infantry Soldiers.
- Responsible for the accountability and maintenance of all equipment valued in excess of 12 million dollars including 4 Bradley Fighting Vehicles.
- Conducted live fire training in support of NATO exercise Defensive Shield in Bulgaria

Battalion Logistics Officer (S4), 1-18 IN, 2ABCT, 1ID   **2022 - 2023**
- Responsible for property accountability, logistical and supply system, and movement of a Combined Arms Battalion consisting of 315 vehicles and pieces of equipment
- Supported the deployment and establishment of logistical support for a battalion (1-18 IN) to Bulgaria and Romania in support of Operation European Assure, Deter, and Reinforce

Battalion Assistant Operations Officer (AS3), 1-18 IN, 2ABCT, 1ID   **2022**
- Served as Battalion Unit Movement Officer
- Coordinated the movement of 315 vehicles and pieces of equipment from Fort Riley, KS to Fort Irwin, CA in an EDRE (Emergency Deployment Readiness Exercise)
- Coordinated the movement of 315 pieces of equipment from Fort Riley, KS to Bulgaria and Romania in support of Operation European Assure, Deter, and Reinforce

Military Education:
- Ranger School
- Infantry Basic Officer Leader Course (IBOLC)
- Unit Movement Officer and TCAIMS Course
- Army ROTC (Distinguished Military Graduate with Cadre Merit and Superior Cadet awards)

Military Awards
- Army Commendation Medal, Army Achievement Medal, National Defense Service Ribbon, Army Service Ribbon

***Senior Thesis*, Princeton Computer Science Department**   **Spring 2020 – Spring 2021**
- Working with Professor Jennifer Rexford and Dr. Hyojoon Kim to develop network switch software to match DNS packets to TCP/HTTP traffic, allowing for the identification of packets on a network by domain name. One potential application of this project is to block traffic associated with known malicious domains at the network level.

Engineering Intern, **Google LLC**   **Summer 2019**
- (40 hr/week, 12 weeks) Worked with Google Play Commerce
- Improved data storage and simulation run times for the Google Play Store refunds service

Research Assistant, **Princeton Astrophysics Department**   **Summer 2018**
- (50 hr/week, 8 weeks) Worked with Professor Joel Hartman/Exoplanet HAT Project
- Wrote a C program (gaia2read) to query the Gaia Data Release 2. Gaia2read is significantly faster than the official Gaia archive
- Co-Authored paper: "HATS 71B: A Giant Planet Transiting An M3 Dwarf Star in TESS Sector 1"

Extracurricular Activities

Orientation Leader, **Outdoor Action at Princeton University**   **2018 - Present**
- Leading first-year students on week-long backpacking trips along the Appalachian trail
- Training in leadership skills, wilderness first-aid, and environmental sensitivity
- Participating in training trips and other outdoor/wilderness activities

Advising Fellow, **Matriculate Program at Princeton University**   **2017 - 2019**
- Advised four low-income, high-achieving high school students through the college application process

President, **Youth Council, Southwest Washington Region, American Red Cross**   **2013 - 2017**
- Coordinated Red Cross Clubs, fundraisers, blood drives, CPR training throughout SW Washington Region
- Spent one month in Kalutara, Sri Lanka to teach PYTHON/computer skills to students and set up a Red Cross youth program

Awards & Honors

Coca-Cola Scholarship National Semifinalist 2016-2017
Cornelius Vanderbilt Scholarship Winner 2016
Presidential Volunteer Service Award 2017
National Merit Finalist 2016

Skills

Programming: C/C++, JAVA, PYTHON, SWIFT, HTML, MATLAB
Language: Speaking, writing, reading proficiency in Spanish