Jenny Kim

14104 Darkwood Cir., Centreville, VA 20121
jennyy.kim7@gmail.com | 703.618.7267

EDUCATION

UNITED STATES NAVAL ACADEMY
BS in Computer Science
July 2015 - July 2016 | Annapolis, MD
Academic Order of Merit: 1 / 1173
Cum. GPA: 4.0 / 4.0

THOMAS JEFFERSON HIGH SCHOOL FOR SCIENCE & TECHNOLOGY
Grad. Jun 2015 | Alexandria, VA

LINKS

Github:// **jennybkim**
LinkedIn:// **jennybkim**

COURSEWORK

UNDERGRADUATE

15-122	Imperative Computation	Fall 2016
15-150	Functional Programming	Spring 2016
15-213	Computer Systems	Spring 2016
SI110	Cyber Security	USNA
SM212	Differential Equations	USNA

HIGH SCHOOL

AP Computer Science A+ & Data Structures
Computational Neuroscience Research
Multivariable Calculus

SKILLS & INTERESTS

PROGRAMMING

Proficient:
Java • HTML • JavaScript
CSS • Mathematica
Familiar:
LaTeX • Matlab • PHP

MISCELLANEOUS SKILLS

Raspberry Pi
Russian (intermediate) • Korean (fluent)
Violin • Piano • Guitar • Ukulele

INTERESTS

Field Hockey • Fitness • Cooking

EXPERIENCE

INSPIRING FEMGINEERS | Founder & CEO
Jun 2014 – Present | Washington DC Metro Area

- 501(c)3 non-profit organization committed to closing the gender gap in tech by fostering STEM interest in girls in the local community
- Hosted a Mother-Daughter Hack Day at General Assembly with dozens of corporate sponsors, speakers and workshop leaders
- Leads after-school STEM programs at elementary schools and hosts mentorship programs with high school role models in STEM for tween girls

PROJECTS

AMODS: USNA SMALL SATELLITE TEAM | Software Development Team Member
Aug 2015 - June 2016 | Annapolis, MD

- Computer vision lead for small satellite camera to calculate distance between objects in space from satellite
- Primarily used Mathematica and Raspberry Pi

BRAIN TUMOR DETECTION IN MRI IMAGES | TJHSST Neuroscience Research Lab & HackTJ
May 2015 – Jun 2015 | Alexandria, VA

- Wrote image processing algorithm that automatically detects tumor cells in brain MRI images with Mathematica
- Implemented into a web application using PHP
- Top 3 web application at HackTJ 2015

DR. LUKASZ KONOPKA | Computational Biology & Data Processing Intern
Dec 2013 – Jun 2015

- Wrote algorithms using mathematical analyses, such as Fourier transforms, to detect peaks in EEG and EKG graph data to analyze the effect of prescripted treatment on patients using Mathematica and MATLAB
- Implemented in a user-friendly GUI

AWARDS

2016	Anita Borg Institute Grace Hopper Celebration Scholar
2015	NCWIT Aspirations in Computing - National Runner-Up
2014	National Russian Scholar Laureate
2012 & 2013	President's Volunteer Service Award

ACTIVITIES

- Information Warfare Group (competitive cybersecurity team)
  - Active Directory manager for Cyber Defense Exercise hosted by NSA