

# Jenny Kim

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## 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

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 FEMENGINEERS | 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 prescribed 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