

# Donnelly Kevin Phillips

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(571) 282 7707

## Education

- George Mason University: Mathematics MS (2016). GPA: 4.0
- George Mason University: Mathematics BS (2014). GPA: 3.94
- Awarded Genevieve G. Feinstein Award in Cryptography (2013).

## Skills

- A strong student and adept learner of mathematics.
- Competent in applying complex analysis, Fourier analysis, and numerical analysis.
- Well-practiced in tutoring and teaching mathematics from high school to college level.
- Experienced in writing code using MATLAB, Java, Python, C++, C#, and ActionScript 3.
- Proficient in LaTeX.

## Experience

### **RF Engineer:** Systems Engineering Group (Summer 2016 – Present)

- Developed and analyzed data used for agencies within the Department of Defense.
- Wrote code in MATLAB to create and improve tools for processing data.
- Prepared regular presentations and reports for managers and customers.

### **MEGL Virtual Reality Intern:** Mason's Experimental Geometry Lab (Summer 2015 – Spring 2016)

- Developed virtual reality applications for the Oculus Rift written in C++ and C# to give students hands-on experiences with concepts in advanced mathematics.
- Led a small team of interns to develop multiple projects.
- One interactive application was cited in a published paper in mathematics.

### **Mathematics Instructor:** Northern Virginia Community College (Fall 2015 – Spring 2016)

- Taught introductory math courses to NOVA students.
- Tracked each student's progress as coursework was completed.

### **High School Math Tutor:** Tutoring in Fairfax (Fall 2012 – Spring 2016)

- Worked with high school students individually and in small group settings.
- Courses tutored ranged from Algebra I to AP Calculus.

### **College Math Tutor:** GMU Math Tutoring Center (Spring 2012 – Spring 2015)

- Provided mathematics assistance to GMU students on walk-in basis.
- Courses tutored ranged from freshman- to sophomore-level courses in the mathematics discipline, including vector calculus and differential equations.