

# Michael D. Naper, Jr.

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## EDUCATION

**Bachelor of Science, Computer Science and Mathematics**, May 2013  
Minor in Astrophysics; Completed 85% of B.S., Aerospace Engineering Degree  
Virginia Polytechnic Institute and State University, Blacksburg, VA  
GPA: 4.0/4.0 (In-Major), 3.95/4.0 (Overall)  
Class Rank: 3/128 (Major), 19/1315 (College of Engineering)

## EXPERIENCE

Software Engineer – Google+, Google, *July 2013 – present*

- Core Mobile: Android App (*March 2014 – present*)
- Stream Frontend: Google+ comments on YouTube (*July 2013 – March 2014*)

Software Engineering Intern – Google+ Stream Frontend, Google, *Summers 2011, 2012*

- Added enhanced media extraction functionality for shared content
- Formulated, carried out, and analyzed various user engagement experiments
- Collaborated with engineers, product managers, and user experience professionals to design and implement the next iteration of the product

Teaching Assistant, Dept. of Computer Science at Virginia Tech, *Jan. 2010 – May 2013*

- Assist students with course work, grade assignments, and supervise code labs

Team Leader, Center for Enhancement of Engineering Diversity, *Apr. 2011 – May 2012*

- Led a team of mentors who serve as resources to first-year engineering students

## SKILLS

*Programming:* Java, C, Python, C++, Objective-C, x86/MIPS Assembly, OpenMP, MPI  
*Web:* HTML, CSS, JavaScript, Google Closure  
*Applications:* Eclipse, Xcode, Visual Studio, Mathematica, MATLAB, LabVIEW

## ACTIVITIES

Computer Science Mentoring Program, *Sept. 2012 – May 2013*

- Mentor a group of new or prospective computer science students
- Helped lead the program's initiatory efforts

Computer Science Ambassador Program, *Sept. 2011 – May 2013*

- Recruit students by giving information sessions, traveling to local high schools
- Host visiting companies during info sessions and tech talks

Association for Computing Machinery, *Sept. 2008 – May 2013*

CS Squared (Computer Science Community Service), *Sept. 2008 – May 2013*

- Introduce computer science topics to students at local elementary schools

Math Club, *Jan. 2011 – May 2013*

Students for the Exploration and Development of Space, *July 2010 – May 2013*

- Chapter co-founder and Webmaster (*2011*)

Astronomy Club, *Sept. 2008 – May 2013*

- President (*2011*), Vice-President (*2010*), and Webmaster (*2010 - 2011*)

Galileo/Hypatia Engineering Learning Communities, *Aug. 2008 – May 2012*

- Team Leader (*2012*), Sophomore Mentor (*2011*), Freshmen Mentor (*2010*)

## HONORS & AWARDS

Outstanding Senior in Computer Science, *Class of 2013*  
Outstanding Senior in Mathematics (ADM), *Class of 2013*  
Outstanding Undergraduate Teaching Assistant in Computer Science, *Class of 2013*  
Recipient of \$4,000 William C. McAllister Leadership Scholarship, *2011 – 2013*  
Recipient of \$3,000 Gilbert L. and Lucille C. Seay Scholarship, *2010 – 2011*  
Upsilon Pi Epsilon, Computer Science Honor Society, *inducted Fall 2010*

- President (*2013*), Tutoring Chair (*2012*)

Pi Mu Epsilon, Mathematics Honor Society, *inducted Spring 2011*  
Phi Beta Kappa, Liberal Arts and Sciences Honor Society, *inducted Spring 2013*  
Tau Beta Pi, Engineering Honor Society, *inducted Fall 2009*

- Recording Secretary & Webmaster (*2011 – 2012*) and Cataloguer (*2011*)