

# Michael M. Pozulp

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## EDUCATION & ACHIEVEMENTS

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### *The College of William and Mary, Williamsburg Virginia, Class of 2015*

- **Major:** Computer Science    **Minor:** Mathematics, Economics
- **GPA:** 3.7
- Dean's List 2011-2014
- Phi Mu Epsilon Math Honors Fraternity 2013-2014
- W&M Hackathon Winner 2012, 2013
- Penn Apps Hackathon API Winner 2013
- San Francisco API Hackday Winner 2013
- NASA Ames Poster Contest Winner 2013
- SC14 Poster Session Presenter 2014

## WORK EXPERIENCE

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**W&M High Performance Computing** Williamsburg, VA    February 2012 – Present  
Position: Undergraduate Assistant to High Performance Computing

- Special projects e.g. parallel I/O performance testing of RHEL/SLES NFS, STREAM memory benchmarking, and systems software development
- Unix shell and Python scripting, C programming, MPI programming, and Java programming for client-server applications and cluster tools development
- Assembly and maintenance of 900-core distributed-memory compute cluster

**NASA Langley Research Center** Hampton, VA    January 2014 – August 2014  
Position: UAV Engineering Intern

- Developed ground station client that collects ADS-B, GPS, and other RF data transmissions from UAVs and displays live air traffic of the local airspace
- Wrote software to command autonomous vehicle operations over MAVLINK
- Prepared hardware/software systems for multirotorcraft and fixed-wing aircraft

**NASA Ames Research Center** Moffett Field, CA    May 2013 – August 2013  
Position: Supercomputing Research Intern

- Investigation of performance scaling in four generations of Intel Xeon processors running the NASA Parallel Benchmarks on top-20 supercomputer Pleiades
- Developed regression-testing framework for code performance assurance
- Novel research of MPI communication traffic across 12-D network hypercube

**W&M Admissions Office** Williamsburg, VA    August 2014 – Present  
Position: STEM Tour Guide

**W&M Residence Life** Williamsburg, VA    August 2012 – January 2014  
Position: Resident Assistant

**Banner Personnel Service, Inc.** Naperville, IL    June 2011 – August 2011  
Position: Office and Recruiting Assistant

## SKILLS & PROFICIENCIES

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- OOP in Java, scripting in Python/tcsh, systems programming in C, data visualization and graphics in matplotlib and R, Android development
- Linux-lover, OS X aficionado, basic Windows and Solaris experience