Michael M. Pozulp

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EDUCATION & ACHIEVEMENTS

The College of William and Mary**, **Williamsburg Virginia, Class of 2015
- **Major**: Computer Science   **Minor:** Economics, Mathematics
- **GPA:** 3.75
- Dean's List   2011-2015
- Phi Mu Epsilon Math Honors Fraternity   2013-2015
- NASA Ames Poster Contest Winner   2013
- SC14 Poster Session Presenter   2014

WORK EXPERIENCE

Lawrence Livermore National Lab   Livermore, CA   July 2015 – Present
Position: Computer Scientist
- Design and implement massively parallel algorithms for large multi-physics codes

W&M High Performance Computing Williamsburg, VA   February 2012 – May 2015
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 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

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

W&M Admissions Office   Williamsburg, VA   August 2014 – May 2015
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

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