Grady Moran

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EDUCATION

- **George Mason University** — Fairfax, VA
  Master of Science in Computer Science — *August 2017 - May 2018 (expected)*

- **George Mason University** — Fairfax, VA
  Bachelor of Science in Computer Science — *August 2013 - May 2017*
  - 3.92 GPA
  - Minors in Economics and Mathematics
  - Honors College member
  - Distinguished Academic Achievement Award, May 2017
  - *summa cum laude* honors
  - Phi Kappa Phi member

EXPERIENCE

- **Vulnerability Research Labs** — Reston, VA
  Intern — *June 2017 - August 2017*
  - Configured Packer to automate virtual machine creation, configuration, and software installation
  - Created Jenkins jobs to automate running Packer and deploying virtual machines on VMware vsphere

- **Boar's Head Provisions** — Herndon, VA
  Java Developer Intern — *June 2016 - August 2016, Dec 2016 - January 2017*
  - Created a script for Microsoft Excel to present a BMC Footprints 11 report in a more easily-readable format
  - Educated offshore resources on development tools and processes
  - Created an Oracle OAF form to allow warehouse floor workers to solve a common database problem

- **George Mason University** — Fairfax, VA
  Undergraduate Teaching Assistant — *January 2015 - May 2015*
  - Assisted students during lab sessions and graded project submissions for CS 262: Introduction to Low-Level Programming

PROJECTS

- **challonge2csv**: Open source python scripts for transforming a set of video game tournaments hosted on challonge.com into an excel sheet showing player placements or win/loss records over a season
- **challonge2excel.com**: Website hosted on AWS allowing users to easily run the **challonge2csv** scripts in a web browser
- **School Projects**: Implemented system calls and locks, created a compiler, built multithreaded applications, and wrote papers on the state of research in Autonomic computing, as well as many others

COMMUNITY

- **Boy Scouts of America**
  - Eagle Scout — *April 2013*
  - Triple Crown Award, Assistant Senior Patrol Leader, and Philmont Crew Expedition Leader, among other awards and achievements

PROGRAMMING SKILLS

- Fluent in Java and C, experience with Python and Assembly
- Completed coursework in Data Structures, Low-Level Programming, Software Design, Computer Architecture, Operating Systems, Object-Oriented Software, Database Systems, Networks, Concurrent and Distributed Systems, Computer Security, Autonomic Computing, and Algorithms
- Experienced with Linux/Unix operating systems
- Knowledge of development and testing tools including git, svn, jUnit, flex, and byacc
- Contributions to open source projects