

SCOTT B. LINDER

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github.com/scott-linder

EDUCATION

Western Michigan University Kalamazoo, MI September 2013 — Present
Maintaining a 4.00 GPA
B.S. in *Computer Science*, graduated December 2016, Summa Cum Laude
Pursuing an M.S. in *Computer Science*, graduating December 2017

EXPERIENCE

Software Development Intern Zoetis June 2014 — August 2014
Improved internal data workflows and accompanying Customer Service software utilities.

System Administrator CAE Center, WMU May 2014 — Present
Monitor, maintain, and update computer systems for the Computer Aided Engineering (CAE) center at Western Michigan University.

TECHNOLOGIES

- Experience with GPGPU programming model and OpenCL.
- Experience with GNU/Linux based operating systems (RHEL, CentOS, Arch, Ubuntu) and common userspace utilities.
- Proficiency with: C, Python, Java, Go, and Rust.
- Familiarity with: PHP, Perl, Ruby, JavaScript, Lua, *et al.*
- Experience and familiarity with web and database technologies including the Apache HTTP Server, Nginx, HTML5, CSS3, MySQL, and PostgreSQL.

PROJECTS

- Optimizing compiler, written for Advanced Compiler Optimization course at WMU, and implementing/comparing optimization techniques including local-value numbering and dominator-based redundancy elimination.
- Homework distribution/collection/testing framework at WMU based on git and gitolite.
- Automated performance benchmarking harness for a cloud computing research project.
- Experience submitting and reviewing patches to open source projects using tools like Gerrit and GitHub pull requests.
- Personal projects including a language, x86_64 debugger, chat bot, blog, games, and recipe viewer, with full source available at <https://github.com/scott-linder/>.

HONORS AND AWARDS

- 2016 WMU, Graduated Summa Cum Laude and from the Lee Honors College.
- 2016 WMU Presidential Scholar in Computer Science.
- 2016 WMU Outstanding Senior in Computer Science.
- 2013–2016 WMU Engineering College Dean's List.

CAMPUS ACTIVITIES

- President of WMU Computer Club (2015–2016).
- Webmaster of WMU Computer Club (2013–2014).