

Skills

- **Development:** Ruby, Python, C, Java, Scheme, Rust (learning)
- **Web:** HTML5/CSS3/Javascript, Ruby on Rails and PHP.
- **Software and Technology:** Strong understanding of Unix, bash, zsh, git, vim, and tmux. Some experience with AWS S3 and Cloudfront.
- **Tutoring:** Run unofficial computer science study sessions and one-on-one tutoring for classmates, peers, and underclassmen.

Career Experience

- **Nine (nine.is)** Tuscaloosa, AL
Software Engineer November 2013 - August 2014
 - Performed full-stack development and maintenance of large-scale Ruby on Rails web applications for health care businesses, real estate agencies, and government.
 - Maintained legacy PHP websites.
 - Communicated technical concepts to nontechnical clients.
- **NSF Research Experience for Undergraduates** Tuscaloosa, AL
Software Engineering Summer 2013
 - Designed and programmed educational modifications for teaching circuits at a college level using the popular video game Minecraft.
 - Fleshed out and implemented finer details of higher-level design requirements provided by advisors.
- **Technology Assistant, Office of eTech** Tuscaloosa, AL
Student Technology Assistant January 2013 - April 2013
 - Performed on and off site troubleshooting, repair, setup, and installation of hardware and software for the University of Alabama College of Arts & Sciences.

Projects

- **DayBreaker.co** Startup Weekend Tuscaloosa
https://github.com/MasterTasker/DayBreaker September 2014
 - Led a team of professional and student developers to construct a time-management application.
 - Built a functional prototype in two days.
- **dperny.net**
https://github.com/dperny/dperny.net November 2014
 - Built totally custom site with Middleman and hosted on Github Pages.
 - Extensively used latest web concepts such as semantic HTML5 and CSS3 flexboxes.
 - Open-source and MIT licensed.

Education

- **The University of Alabama**

B.S. Computer Science

- National Merit Finalist
- Engineering Leadership Scholarship recipient
- 3.66 GPA

Tuscaloosa, AL
2012-2016 (expected)

Leadership and Service Experience

- **Head Judicial Officer**

The Mallet Assembly

December 2013 - Present

- Maintained, revised, and rewrote the constitution for the longest continuously running honors program at the University of Alabama.
- Presided over disciplinary hearings and worked with University administration to uphold the student code of conduct.

- **Vice Chair**

Association for Computing Machinery, UA Student Chapter

January 2013 - September 2013

- Coordinated guest industry events such as Microsoft appLab.
- Planned and executed chapter social events.