

Skills

- **Development:** Ruby, Python, C, Java, Scheme, Rust (learning)
- **Web:** HTML5/CSS3/Javascript (standard front end stack), Ruby on Rails or PHP back end. Sass and Haml.
- **Software and Technology:** Strong understanding of Unix (including server administration), 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.
 - Worked with small group of faculty members who provided high level design requirements and feedback.
- **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** *November 2014*
<https://github.com/dperny/dperny.net>
 - Totally custom size built with Middleman and hosted on Github Pages.
 - Extensive use of latest web concepts such as semantic HTML5 and CSS3 Flexboxes.
 - Open-source and MIT licensed.

Education

- **The University of Alabama** Tuscaloosa, AL
B.S. Computer Science 2012-2016 (*expected*)
 - National Merit Finalist
 - Engineering Leadership Scholarship recipient
 - 3.66 GPA

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, University of Alabama Student Chapter
January 2013 - September 2013
 - Coordinated guest industry events such as Microsoft appLab.
 - Planned and executed chapter social events.