

## 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

- **Retrospective** UA Creative Campus  
*<https://github.com/dperny/retrospective>* January 2015 - Present
  - Single-page application with Ruby on Rails and Javascript.
  - Uses Google Maps API and Soundmanager2 library.
  - Worked with client to solicit requirements and gain feedback.
- **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>*
  - 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.