Nicholas (Nicky) Semenza

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Education

Purdue University - West Lafayette, IN   May 2018
Bachelor of Science - Computer Science
The Harker School - San Jose, CA   May 2014

Languages and Tools

Proficient: PHP, Python, Laravel, Flask, Bootstrap, HTML, CSS
Skilled: Java, C, C++, MySQL, Redis Angular.js, git
Creative tools: Lightroom, Premiere Pro, After Effects, Photoshop, Illustrator, Sketch

Experience

Software Engineer - **Parachute.co**   Oct 2014 - Present
- Wrote PHP-powered backend from the ground up to support mobile apps & web
- Created a consumer facing frontend as well as administration panels
  Tech Stack: Laravel, Angular.js

Software Engineer - **Indiana Office of State Chemist**   Sept 2014 - May 2015
- Contributed to the development of a full-stack CMS for both internal   West Lafayette, IN
  agricultural testing form workflows and public record lookup.
- Developed a JS-powered based single page application coupled with a PHP powered backend

Videographer and Photographer - **Purdue Exponent**   Sept 2014 - Present
- Photography of sports games, performances, and campus events for   West Lafayette, IN
  online and printed media
- Production of video pieces to accompany articles

Software Engineering Intern - **Endorse**   June 2012 - Feb 2013
- Developed and executed testing plans for iOS and Android, including   San Mateo, CA
  debugging across a variety of hardware devices
- Wrote Python-based scrapers to extract UPC codes from retailer websites to build a custom
  reverse-lookup system
- Contributed various changes and features to the codebase for OpenCV based OCR pipeline,
  including optimization of logo detection

Projects   *latest work available at github.com/nickysemenza*

Purdue Food Ratings   Aug 2014 - Feb 2015
- Web application for Purdue students to browse food court menus and leave reviews on entrees.
- *Tools used: PHP, Laravel, Purdue HFS API, Facebook API*

Spotify Tags   Aug 2014 - March 2015
- Web tool for users to easily manage the categorization of their spotify library across playlists.
- *Tools used: PHP, Laravel, Spotify API*

Book Tradr   May 2013- Sept 2013
- Online marketplace for students to buy and sell textbooks from one another.
- *Tools used: PHP, Amazon Product API*

Leadership

Boilermake Executive Board - Purdue Hackathon   Apr 2015 - Present
- Worked with a group of 20 students to put together a collegiate hackathon with ~500 students
  in attendance, including working on a small team building the website

Teaching Assistant - Purdue CS 190   Aug 2015 - Present
- TA for lab sections of CS 190 which helps students learn the basics of shells, version control, as
  well as providing helpful productivity tips and tricks
- Helped contribute to the open source curriculum for the course