Nicholas (Nicky) Semenza
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Languages and Tools

Proficient: Python, PHP, Laravel, Flask, Bootstrap, HTML, CSS
Skilled: Java, C, redis, SQL, JQuery, nginx, Javascript
Creative tools: Adobe Premiere Pro, Adobe After Effects, Photoshop, Final Cut Pro

Education

Purdue University - West Lafayette, IN   May 2018
Pursuing a Bachelor of Science in Computer Science

The Harker School - San Jose, CA   May 2014
Relevant Coursework:
   AP CS, AP Calculus BC, Discrete Mathematics, Electronics, Computer Architecture

Experience

Software Engineer
Indiana Office of State Chemist - West Lafayette, IN   August 2014-Present
   • Contributing to the development of a portal for public record lookup and digital paperwork workflow management

Videographer and Photographer
The Harker School - San Jose, CA   June 2013 - August 2014
   • Produced promotional videos for the summer camp programs
   • Filmed and edited videos of various events and speakers throughout the school year

Software Engineering Intern
Endorse Corp - San Mateo, CA   June 2012 - February 2013
   • Developed and executed testing plans for iOS and Android, including 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

current projects available at github.com/nickysemenza
Purdue Food Ratings (purduefood.com)   August 2014 - Present
   • 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 (spotifytags.com)   August 2014 - Present
   • Web tool for users to easily manage the categorization of their spotify library across playlists.
   • *Tools used: PHP, Laravel, Spotify API*
Book Tradr (booktradr.com)   May 2013- Semptember 2013
   • Online marketplace for students to buy and sell textbooks from one another.
   • *Tools used: PHP, Amazon Product API*

Leadership

FIRST Robotics   2011-2014
Led a group of members in developing a variety of internal software tools, such as a purchase management system.

Tech Theater   2011-2014
Worked as a stage manager on plays and musicals managing crew and performers, scheduling rehearsals, and running rehearsals.