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

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

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

Experience

Web Developer
Indiana Office of State Chemist - West Lafayette, IN August 2014-Present
  • Worked on portal for public record lookup and digital paperwork workflow management
  Tools used: Javascript, JQuery, PHP

Videographer and Photographer
The Harker School - San Jose, CA June 2013 - August 2014
  • Produced promotional videos for the summer camp programs
  • Assisted with the filming of various events and speakers during 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 optical character recognition
    (OCR) pipeline, including optimization of logo detection
  Tools used: Python, OpenCV, Java, Objective-C

Projects

current projects available at github.com/nickysemenza
Purdue Food Ratings (purduefood.com)
  • Yelp-style 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)
  • 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)
  • Online marketplace for students to buy and sell textbooks from one another
  • *Tools used: PHP, Amazon Product API*

Extracurriculars

FIRST Robotics (2011-2014) • Photography • Videography • Tech Theater • Purdue ACM