

Charlie Li

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Education

Bachelor of Science, Computer Science
Pennsylvania State University, University Park, PA

Expected May 2016

Experience

College of Information Sciences and Technology, Pennsylvania State University August 2014–present
Learning Assistant

- Helped run a mostly online classroom for learning HTML, CSS and some JavaScript
- Held office hours for four hours, consisting of three sessions per week
- Graded all assignments for all 43 students in the class

IT Pros–Philadelphia *Data Analyst/Development Intern* July 2014–present

- Using Flask microframework and Google Maps API, mapped a sample set of tech employers in Philadelphia area
- Set up and maintained development server containing Apache httpd, git and CouchDB

Information Technology Services, Pennsylvania State University *Lab Consultant* August 2013–present

- Assisted users in the campus computer labs with various software and hardware malfunction questions
- Provided guidance for audio and video editing with iMovie/Final Cut Pro and Garageband
- Maintained the labs' condition for cleanliness
- Helped answer other lab consultants' questions when needed

Projects

- Unhackathon 2014: Coffeestop – A webapp, written in Python using the Flask microframework, Python GPX library, Yelp API, Google Maps API and ordn.in API, to find coffee shops, cafés, convenience stores, etc based on inputted GPS track and optionally just-in-time ordering
- PennApps Spring 2014: Wikitongues prototype – Used the Flask microframework, YouTube API and MongoDB to create a purpose-built language previewer and uploader
- PennApps Fall 2013: MerpIt – Used the Flask microframework, Venmo API, MySQL and Twitter Bootstrap for a college student manual labour exchange board

Almost all source code on github: <https://github.com/vishwin>

Activities

- Webmaster director, Engineering Orientation Network – Built two websites for each of the two years served, first using Twitter Bootstrap, second using Zurb Foundation and custom Python HTML compile scripts
- Secretary, then Webmaster for Penn State Cycling Club – Built a new website from scratch, using custom PHP engine and Twitter Bootstrap components