

EXPERIENCE

University of Texas at Austin

Jun - Dec 2014

Student Developer, Information Security Office

- Developed workflow tools to streamline intake of various security-related administrative business (e.g., exception requests, stolen device reports, requests for security reviews).
- Migrated a position of special trust application from an old web publishing environment to a more modern platform running Django. Added a number of associated enhancements.
- Worked with colleagues on the redesign and refactoring of an enterprise-wide IT risk assessment application, with a specific focus on updating the user interface using Angular.

Landes Bioscience

Dec 2013 - Mar 2014

Web Development Intern

- Wrote Ruby scripts for migration of website's MySQL databases to MongoDB.
- Developed Node.js command-line app for parsing Lens JSON to XML.
- Developed forum and worked on back-end for site using Meteor and Node.js.

University of Texas at Austin

Jun - Oct 2013

Student Technology Assistant, Liberal Arts ITS

- Worked on front-end site designs for university websites and portfolios.
- Collaborated with university faculty on WordPress site creations.
- Designed posters and flyers with Photoshop and InDesign for promotions and events.

IBM Corporation

May - Nov 2011

Intern, DB2 Tools Quality Assurance Department

- Used Rational API to automate Admin/OC for z/OS test scripts.
- Wrote Java code to enhance internal automation tool.

PROJECTS

ungender.me	Web + Android app converts user's text input into gender-neutral text.
MAL Updater	Python script updates MyAnimeList.net user's progress lists based on directories in their hard drives.
Facebook Anonymizer	Chrome Extension blogging tool anonymizes screenshots of Facebook content, blurring profile pictures and changing names to allow content sharing without privacy concerns.
Craigslist: Last Visited	Chrome Extension improves functionality. Saves user's spot on pages / queries, letting you know what the new content is.
Mstr Crckr	Open source, 3D printable Master Lock cracker powered by an Arduino, stepper motor, and servo - for educational purposes.
Rest(room) in Peace	Rasberri Pi-powered autonomous apartment restroom plays music through a speaker when occupied to ensure privacy.

SKILLS

Languages:	Python, JavaScript, Java, PHP
Software:	Vim, Git, Eclipse, Android Studio, L ^A T _E X
Frameworks:	Django, Flask, Angular, jQuery, Heroku, Bootstrap
Hardware:	Arduino, Raspberry Pi