Robert H. Steilberg II

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EDUCATION

Duke University, Durham, NC Expected May 2018
Bachelor of Science, Computer Science Dean's List with Distinction • GPA: 3.825 / 4.0
Minor, Statistical Science

Douglas S. Freeman High School, Richmond, VA June 2014
Center for Leadership, Government, and Global Economics GPA: 4.0 / 4.0

TECHNICAL SKILLS

Languages: Java, Python, C, C++, Ruby, HTML5, CSS3, JavaScript, jQuery, SQL, R, Stata, Racket (Lisp), MIPS Assembly
Frameworks: JavaFX, Ruby on Rails, Git, Heroku, WordPress, Drupal, LaTeX, Embarcadero, ArcGIS, Ubuntu, Photoshop
Skills: Web development and hosting, technical and IT support, Spanish

WORK EXPERIENCE

inspectX, Durham, NC Oct 2016 – present
- Serving as a full-stack web developer for a startup platform built with Ruby on Rails that connects prospective car owners with local mechanics to provide economical, mobile pre-purchase inspections, inspect-x.com
  - Resolving existing back-end issues with authentication, form submission, payment, and database management
  - Updating the front-end of the inspectX platform with HTML5, CSS3, and JavaScript/jQuery
- Developing plans for bringing inspectX to the iOS and Android platforms

Centro Integral de Equinoterapia, Guayaquil, Ecuador June 2016 – Aug 2016
- Built a static website with Drupal to increase the center's outreach and public relations exposure, ciequinoterapia.com
  - Optimized the website for mobile devices with HTML5 and CSS3
  - Implemented homepage visual effects with JavaScript/jQuery
- Digitized the center's medical records database to enable concurrent access for multiple employees
- Conducted international research on the efficacy of animal therapy applications to special needs treatment

Duke University Medical Education IT, Durham, NC Oct 2015 – present
- Provided hardware and software technical support to medical school faculty and students
- Updated a WordPress-based website used for informational purposes, asset deployment, and ticket service requests

Duke-UNC Brain Imaging and Analysis Center, Durham, NC Aug 2014 – May 2015
- Analyzed fMRI and survey data to research PTSD and TBI incidence in patients of the Durham VA Medical Center
- Interviewed veterans regarding their experiences with traumatic episodes and PTSD

HoneyBaked Ham Co., Richmond, VA June 2014 – Present
- Coordinated a foodservice team to provide efficient service to café customers

PROJECT EXPERIENCE

Pokémon Duke Blue
- A role-playing videogame built with JavaFX and based off of the Pokémon videogame series
- Features a navigable world, interactive non-player characters, turn-style Pokémon battles, cheat codes, and sound effects

Rails Blogger
- A simple blogging application built with the Ruby on Rails framework
- Features creating, commenting, editing, and deleting articles, along with user authentication and management

LEADERSHIP EXPERIENCE

Duke International Relations Association, Durham, NC Feb 2014 – present
- Tasked with organizing Duke University's 2017 high school Model United Nations competition, DUMUNC, serving as the conference's Under-Secretary-General

ACTIVITIES AND SOCIETIES

Duke Association for Computing Machinery
HackDuke
DukeMakers
- A hardware-centric makers club focused on developing a project for submission to the 2017 World Makers Faire
Duke International Relations Association