

Robert H. Steilberg II

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EDUCATION

Duke University, Durham, NC

Bachelor of Science, Computer Science
Minor, Statistical Science

Expected May 2018
Dean's List with Distinction • GPA: 3.825 / 4.0

Douglas S. Freeman High School, Richmond, VA

Center for Leadership, Government, and Global Economics

June 2014
GPA: 4.0 / 4.0

TECHNICAL SKILLS

Languages: Java, JavaFX, Python, C, C++, Lisp/Scheme, Ruby, Ruby on Rails, HTML5, CSS3, JavaScript, jQuery, MySQL, SQLite, R, Stata

Frameworks: WordPress, Drupal, Embarcadero, Ubuntu, Adobe Photoshop, iMovie

Skills: Web development and hosting, technical and IT support

WORK EXPERIENCE

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 and jQuery
- Digitized the center's medical records database to allow concurrent access for multiple employees
 - Transferred therapy records to a cloud-based spreadsheet interfaced with a Google form
- 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 University Housing, Dining, & Residence Life, Durham, NC

Oct 2014 – present

- Managed integrated media systems for a residential videogame center

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

Ruby on Rails Blogger

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

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
- Chaired Model United Nations committees focused on simulating diplomacy and international relations while teaching research and debate skills

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 Fair

Duke International Relations Association