
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, 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, VMware, 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
- 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

SLogo IDE

- An IDE for the Logo programming language built with Java that interprets Logo commands for controlling a sprite
- Features commands for variable manipulation, flow control, and math operations, in addition to robust error checking

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