

ROBERT STEILBERG

rhs16@cs.duke.edu
robertsteilberg.com

EDUCATION

Duke University, Class of 2018
B.S., Computer Science
Minor, Statistical Science
GPA: 3.7 / 4.0

SKILLS

Languages

Java, JavaScript, HTML, CSS,
Python, Ruby, Swift, C, C++, R,
SQL, Racket/Lisp, MIPS assembly

Frameworks

Ember.js, Ruby on Rails, iOS,
Android, jQuery, JavaFX

Other

Git, Heroku, Linux, Photoshop,
Illustrator, Spanish

LEADERSHIP

Duke International Relations Association




Secretary-General,
DUMUNC XXXVI

Duke Association for Computing Machinery

Member

HackDuke

Judge

 robertsteilberg.com
 linkedin.com/in/robertsteilberg
 github.com/robertsteilberg

EXPERIENCE

Esri

Incoming Software Development Engineer | June 2018 | Washington, DC
Software Development Intern | May 2017 - Aug 2017 | Washington, DC

- Developed features for ArcGIS Hub, an **Ember** application that provides a platform for connecting government and citizens through open data, initiatives, and community engagement
- Resolved issues with authentication gating, mobile optimization, and intercommunication with the ArcGIS Online API
- Prototyped and built an application for templating ArcGIS Online mapping applications to make them compatible with any Esri-hosted dataset
- Reduced the time necessary to template new mapping applications for ArcGIS Hub by over 80%

Duke Department of Computer Science

Teaching Assistant | Jan 2017 - present | Durham, NC

- Taught Software Design & Implementation (CompSci 308) and Web Development (CompSci 290) under Prof. Robert C. Duvall
- Helped Prof. Duvall design the pilot curriculum for CompSci 290, which ultimately focused on **JavaScript** and **Rails**

inspectX

Full Stack Web Developer | Oct 2016 - Feb 2017 | Durham, NC

- Served as a full stack web developer for a startup platform built with **Rails** that connects prospective car owners with local mechanics to provide economical, onsite pre-purchase inspections
- Resolved existing back end issues with authentication, form submission, payment, and database management

Centro Integral de Equinoterapia

Research Volunteer | June 2016 - Aug 2016 | Guayaquil, Ecuador

- Built a static, mobile-optimized website with **jQuery** to increase the center's community outreach and public exposure

PROJECTS

VOOGA

- A game authoring engine specialized for building and testing 2D role-playing games, such as Pokémon or Dragon Quest
- Features customizable block-based game building, integrated game testing, and game file I/O; built with **Java** and **JavaFX**