

# ROBERT STEILBERG

rhs16@cs.duke.edu  
(804) 690-4814  
robertsteilberg.com

## EDUCATION

**Duke University**, Class of 2018  
B.S., Computer Science  
Minor, Statistical Science

## 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](http://robertsteilberg.com)

 [linkedin.com/in/robertsteilberg](https://linkedin.com/in/robertsteilberg)

 [github.com/robertsteilberg](https://github.com/robertsteilberg)

## EXPERIENCE

### Esri

Incoming Software Development Engineer | June 2018 | Washington, D.C.  
Software Development Intern | May 2017 - Aug 2017 | Washington, D.C.

- 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, N.C.

- 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

Web developer | Oct 2016 - Feb 2017 | Durham, N.C.

- 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 to increase the center's community outreach and public exposure

### Duke Medical Education IT

Work-Study Assistant | Oct 2015 - present | Durham, N.C.

- Provided hardware and software technical support to medical school faculty and students

### Duke-UNC Brain Imaging & Analysis Center

Work-Study Research Assistant | Aug 2014 - May 2015 | Durham, N.C.

- Analyzed fMRI and survey data to research PTSD and TBI incidence in patients of the Durham VA Medical Center