

# ROBERT STEILBERG

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robertsteilberg.com

## EDUCATION

**Duke University**, Class of 2018  
B.S., Computer Science  
GPA: 3.732 / 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, Firebase, 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 | Aug 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**

### Clínica Esperanza

Mobile Development Engineer | Aug 2017 – present | Roatán, Honduras

- Building an **Android** mobile application that will be used by vaccinators to record immunization events for patients
- Implemented basic record storage, automated testing, and failback handling during network outages
- Expect complete onsite deployment during Summer 2017

### 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