

# Miles Hilton

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batmiles.github.io

## education

Columbia College, 2017  
BA, Computer Science

## skills

HTML5  
CSS3  
JavaScript  
jQuery  
Angular

Python  
PHP

Java  
C  
C#  
C++

## awards

2014 – OUTstanding  
Leadership Award  
2013 – Columbia John Jay  
Scholar  
2013 – Presidential  
Scholar Semifinalist

## experience

**Student Association for the Advancement of Women**  
2014 - Present

Webmaster

- Designed and developed a 5-page website using HTML, CSS, and JavaScript
- Embedded angular apps into the site for speed and accessibility.

**Columbia Queer Alliance**  
2013 - Present

President

- Tripled the 2014-2015 budget from \$5,000 to \$15,000 with cosponsorships and grants.
- Subsidized and coordinated travel for over 40 students to national queer conferences.

**Spoken Language Processing Group**  
2013 - 2014

Research Assistant

- Conducted user tests on the Java BOLT Arabic-English machine translator's oral interface.
- Gathered data leading to the publication of a paper at the SigDial conference.

## projects

**Physics-based Particle Simulation**

A particle simulator in C++ with explicit- and symplectic-euler integration, general and intra-particle gravity, spring forces, rigid and elastic bodies, fluid simulation, and animation control.

**First-Generation Low-Income Partnership website**

A searchable library catalogue using PHP, JavaScript, and CSS.

**C Server**

This serves static webpages and allows the user to dynamically search a database.