

# Blair Chisholm

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## Education

**University of Maryland, College Park**

B.S. Information Science

Expected Graduation December 2018

Major GPA: 3.94

Certificate – College Park Scholars Program: Environment, Technology, and Economy

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## Work Experience

**Quatrefoil Associates**

Intern

May 2017 – August 2017

Continued December 2017 – Current

- Program prototypes of museum exhibit interactives using Unity, C#, WPF, Arduino and virtual reality platforms.
- Create and maintain GitHub repositories of code, current release files, and user manuals.
- Research new technologies to advise designers on technical feasibility of proposed designs.
- Plan, execute, and document user testing of prototypes.

**Tenetics**

Intern

May 2015 – January 2016

Continued May – August 2016

- Designed and implemented components of website using JavaServer Faces and PrimeFaces.
- Created custom map editor using Google Maps JavaScript API.
- Designed MySQL tables, entered data, and generated aggregated reports.

**Johns Hopkins University Applied Physics Lab**

Intern

October 2012 – August 2013

Continued December 2013 – January 2014

- Developed Android app that measures data transmission speed for use in information theory research.
  - Co-authored paper published at 2013 International Command and Control Research and Technology Symposium.
  - Designed user interface of app used to control and view information from semi-autonomous vehicles.
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## Leadership

**Terps for Disability Justice**

President and Founder

May 2017 – May 2018

- Organized four educational and community-building events with an average of 27 attendees.
- Served on the University of Maryland President's Commission on Disability Issues.

**FIRST Robotics Competition Team 2537**

Mentor

December 2013 – May 2017

- Led a team of seven high school students and three adult mentors in developing the team's marketing, fundraising, and award submissions.
- Taught high school students to program Android apps and create a team website.
- Organized team alumni events.

**TerpWushu**

Vice-President and Webmaster

October 2014 – December 2015

- Ran registration for two Chinese martial arts tournaments, each attended by over 100 competitors.
- Increased social media following by 90% over 13 months.