

Blair Chisholm

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Education

University of Maryland, College Park

B.S. Information Science

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

Expected Graduation December 2018

Major GPA: 3.91

Work Experience

Quatrefoil Associates

Intern

May 2017 – August 2017

Continued December 2017 – Current

- Programmed prototypes of museum exhibit interactives using Unity, C#, OpenCV, and Arduino.
- Planned, executed, and documented user testing of prototypes.
- Researched available technologies to determine technical feasibility of proposed designs.
- Wrote and edited exhibit design documents.

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.

Leadership

Terps for Disability Justice

President and Founder

May 2017 – Current

- Organized three educational and community-building events.
- 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 students and three 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.