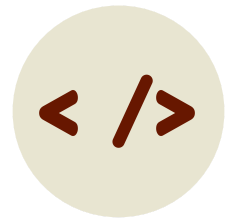


ETHAN D. BARLOW

Student at Bloomsburg University

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EDUCATION

B.S. in Computer Science

Bloomsburg University

Aug 2017 – present

- Member of ACM, Bloomsburg Chapter
- Expected to graduate in May 2020

College Prep

Howard Community College

Aug 2016 – May 2017

EXPERIENCE

Software Engineer Intern

Simple Cell Inc.

June 2017 – August 2017

Eldersburg, MD

- Helped to create a solution that streamlined the product photo editing. The solution was a custom made software application built with C++, the Boost filesystem library and the OpenCV libraries
- Helped increase the company's Search Engine Optimization (S.E.O.) by analyzing and formatting product data to specific standards.

Web Development Intern

Make N' Music

June 2016 – August 2016

Frederick, MD

- Helped increase traffic to the company's website by updating and maintaining the store's website.
- Helped increase online sales by creating several hundred product listings including tech specs, product specific information and custom photos.

STRENGTHS



PROJECTS

FreeFotoFilter

- Utilizes the Boost Filesystem and OpenCV libraries to recursively find photos in a directory and crop the pictures.

Othello/Reversi Game

- Uses JavaFX to create a user interface and standard Java for the backend (game logic) to allow a user to play the classic game of Othello/Reversi.

Telegram Photo Bot

- Uses a raspberry pi computer and camera to take a picture or video and send it back to the user.

ORGANIZATIONS & SERVICE

Association for Computing Machinery (ACM)

Member

Aug 2017 – present

Regularly attend various workshops, programming competition practices, and project nights.

Computer Science Learning Community

Member

Aug 2017 – present

Network with and learn from other Computer Science majors and mentors.

Service Trip to Costa Rica

Helper

March 2016

Helped clean, paint, and repair local schools and churches.

CURRENTLY LEARNING

