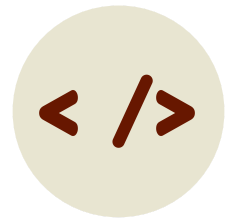


ETHAN D. BARLOW

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

KeyW Corporation

May 2018 – August 2018

Severn, MD

- Developed a simulation tool in C# in order to save time during the testing cycle. The simulation involved location data and building message packets.
- Wrote several unit tests in Java to test production code and wrote fixes for bugs found.

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

C++ C# Java Visual Studio IntelliJ Microsoft Office
GitHub Jira Problem Solving Analytical Thinking

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

DiscipleMakers

Leadership

Aug 2018 – present

Teach and lead students within a faith-based campus organization.

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 – May 2018

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.