ETHAN D. BARLOW
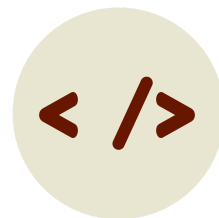
Student at Bloomsburg University

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in linkedin.com/in/ethan-barlow-6082a1b2/   ○ github.com/EthanBarlow

EDUCATION

B.S. in Computer Science
Bloomsburg University

📅 Aug 2017 – present

- Expected to graduate in May 2020

College Prep
Howard Community College

📅 Aug 2016 – May 2017

EXPERIENCE

Software Engineer Intern
KeyW Corporation

📅 June 2019 – August 2019   📍 Severn, MD

- Updated Android code to use the latest libraries, replaced deprecated objects, and updated Gradle scripts.
- Implemented two new features (one involving Bluetooth) in the Android app used to configure and manage special tracking and communication devices.

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.
- Gained experience working in an Agile development cycle.

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.

STRENGTHS / EXPERIENCES

Java   Android   Android Wear   C   C#   C++   HTML
CSS   Visual Studio   IntelliJ   Android Studio
Microsoft Office   GitHub   Jira   Problem Solving
Analytical Thinking

PROJECTS

Random Restaurant Picker
- Android app that uses device or user defined location to pick three random restaurants nearby so that time spent discussing where to eat is minimized.

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.

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

ORGANIZATIONS & SERVICE

DiscipleMakers
Leadership & Member

📅 Aug 2018 – present

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

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.