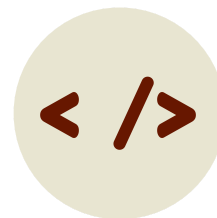# ETHAN D. BARLOW

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 – May 2020

- Graduated 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   Flutter   Team Leader   C
C#   C++   HTML   CSS   JavaScript   Visual Studio
IntelliJ   Android Studio   Microsoft Office   GitHub   Jira
Problem Solving   Analytical Thinking

PROJECTS

The Sunrise Cam
- Java web application that allows users to watch sunrises and sunsets from around the world. Users can also set up their own webcams, stream live on YouTube, and submit their feed to be featured on the site.

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.

ORGANIZATIONS & SERVICE

DiscipleMakers
Leadership & Member
🗓 Aug 2018 – May 2020

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.