Bruce Bowlin

602 Sunburst Circle
Brownsboro Alabama, 35741

Email: bab615@msstate.edu   Cell phone: (256)509-8486

Education

Bachelor of Science in Computer Engineering, Mississippi State University, Starkville, MS
- 4.0 for overall GPA
- Computer Engineering Major; Classification: Senior
- Graduation Date: May 2018
- Current engineering classes – senior design and embedded systems

Work Experience

Radiance Technologies, Huntsville, Alabama – Software Engineer Intern– May-Aug 2017
- Developed application to synchronize two laptops system time to a Garmin 18 GPS time
- XAML GUI with C# windows service in the background
- USB or serial RS232 connection
- Visual Studio development and debugging
- Gained experience in reordering faulty devices and interacting with manufacturers

Vestavia Hills Baptist Church, Birmingham, Alabama – Youth Ministry Intern – May - Aug 2016
- Led ministry events for a youth group of 30 students
- Participated in mission trips, retreats, and church events under the leadership of the Youth Pastor

ADTRAN, Inc., Huntsville, Alabama – Software Engineer Intern – May-Aug 2015
- Refactored old code in databases and gained experience in basic web programming
- Programmed in C++, python
- Gained basic skills in javascript, html, and web servers

Skills

- Programming languages – python, C++, C, C#, javascript, php, and Java (high school)
- Microprocessor and embedded system design using a PIC24 microprocessor
- Digital System Design using Vivado for FPGA development
- Wireless development on Synapse devices
- Communication and team experience through previous employment and senior design
- Soldering experience through Mississippi State University curriculum

Awards/Achievements

- President's List for GPA
- Member of Shackouls Honor College
- Member of Tau Beta Pi (Professional Engineering Honor Society)
- Member of Phi Kappa Phi (Academic Honor Society)
- Granted a Secret Security Clearance from employment with Radiance Technology