**William Brady Wade**

|  |  |  |
| --- | --- | --- |
| **Permanent Address:**  2694 Attala Rd 2132  McCool, MS 39108 | wbwade@gmail.com  (662)-665-5309 | **Current Address:**  1257 Louisville Rd #28  Starkville, MS 39759 |

**Education**

**Bachelor of Science in Electrical Engineering**

Mississippi State University. Starkville, MS. May 2017.

Program GPA: 3.03

**Relevant Coursework**

Signals and Systems, Digital Signal Processing, Feedback Control Systems, Fundamentals of Energy Systems, Engineering Economy

**Academic Experience**

**ECE Senior Design**

MSU Department of Electrical and Computer Engineering. August 2016 - Present.

*Designing a UAS system to help prevent mid-air collisions between UAVs and aircraft.*

* Developing communication network between a ground station and UAV.
* Complying to FAA regulations and experience with ADS-B technology.
* with RF transceivers and Software-Defined Radio(SDR).

**Other Experience**

**Server/Cook/Expeditor**

Pizza Grocery. Corinth, MS. September 2012 – July 2014.

* Managed 4-5 severs at a time as an Expeditor.
* Multi-task within a fast-paced environment.
* Welcomed and enjoyed social interactions with customers.
* Improved aptitude for selling a product as a Server.
* Inspired a strong sense of teamwork as a Cook.
* Organized and streamlined a checklist for front-house worker duties still in use today.

**Skills**

* **Proficient in**: Matlab (v.R2016a), Microsoft Excel, Word, PowerPoint.
* **Experience with**: OrCAD PSpice Designer, QuantAsylum(QA)Scope, Tektronix digital/analog Oscilloscopes, Visual Studios, Python IDE, MPLAB X IDE v3.30
* **Familiar with**: OrCAD Capture and PCB Designer.
* **Programming Languages**: Python 2.7 and 3.5, C++, and C.
* CPR certified and hands-on experience with soldering.