**Austin Carter Long**

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1854 Newton Nook, Collierville, TN

**EDUCATION:**

**Mississippi State University** – Starkville, MS

* Bachelor of Science in Electrical Engineering
* GPA: 3.42
* Graduation: May 2017

**WORK EXPERIENCE:**

**Monsanto** – E&I Project Engineer  **May 2016 – August 2016**

* Setup of multi-gateway wireless networks to monitor fluid levels in tanks $150,000
* Created loop, one line, and I/O diagrams for HV substations
* Procured HVAC units and scheduled installation in high priority MCCs $125,000
* Worked with contractors to plan and execute key projects
* Attended valve, steam trap, and heat tracing training courses

**International Paper** – Electrical Project Engineer **May 2015 – July 2015**

* Planned the installation of a variable frequency drive for overflow tank
* Installed oil temperature control system to keep high importance fans from overheating
* Followed strict budgets while following all project requirements

**Germantown Pool & SPA** – Maintenance Technician **June 2013 – August 2014**

* Maintained and repaired malfunctioning pool systems, pumps, and filters
* Collaborated with employees to learn technical skills and solve faulty equipment issues

**Delta Delta Delta Sorority** – Kitchen Assistant **January 2014 – Present**

* Maintain and stock kitchen supplies and equipment
* Serve customers and wait on tables

**HONORS & ACTIVITIES:**

**Mississippi State University**

* Member of Institute of Electrical and Electronics Engineers (IEEE)
* Active member of Pi Kappa Phi fraternity
* Standards Board appointed member
* Bulldogs on the Move volunteer
* Fraternity Ambassador
* Eagle Scout

**RELATED SKILLS:**

|  |  |
| --- | --- |
| Knowledge of: | Proficient at: |
| OrCAD PSpice, SAP, PI, ARIBA | Outlook, Word, Excel, Power Point |
| Python, C, C++, Assembly | Reading one-line, loop, and I/O diagrams |