

# 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:**

OrCAD PSpice, SAP, PI, ARIBA  
Python, C, C++, Assembly

**Proficient at:**

Outlook, Word, Excel, Power Point  
Reading one-line, loop, and I/O diagrams