

# Chance Baker

Carbondale, Illinois  
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**OBJECTIVE:** To obtain an electrical engineering internship being part in the day to day activities of real world engineering application to gain experience and knowledge

## EDUCATION:

Southern Illinois University, Carbondale, Illinois (SIUC)  
*Bachelor of Science* in Electrical Engineering, December 2014  
Minor: Mathematics  
Pursing Honor Degree as a member of University Honors Program  
GPA: 3.8/4.0

## EXPERIENCE:

### Resident Assistant

January 2012-Present

Southern Illinois University Carbondale, IL

- Responsible for creating and leading social, educational, and personal development programs
- Accountable for educating and enforcing Housing Policy
- Mentor and create solutions for conflicts between residents

### Research for Undergraduate Student

Summer 2013

Southern Illinois University Carbondale, IL

- Worked in a group focus on nano-embedded thermoelectric cooling
- Gave presentation to peers and faculty
- Worked as an individual in Mapping Thermal Distribution in ICs

### Production Member (Seasonal)

May 2010-Winter 2013

Steak'n Shake, Effingham, IL

- Provided great quality food and service with a smile
- Trained several co-workers and managers in training in various stations

## RECOGNITION:

Tau Beta Pi Engineering Honor Society, SIUC  
College of Engineering Dean's List, SIUC

Spring 2013-Present

Fall 2011-Present

## ACTIVITIES:

President of the 3-D Design and Replication Club

Spring 2013-Spring 2014

- Assist in fundraising to financially support build materials
- Built, calibrated, and maintain a 3D Printer
- Helped form the club to become a registered student organization

Volunteer Tutor for Athletic Department

Fall 2012, Spring 2013

## SKILLS:

- |                |                    |               |
|----------------|--------------------|---------------|
| • C++/ C#      | • FEMM             | • 3D Printing |
| • Verilog/VHDL | • Microsoft Office | • Auto CAD    |
| • MatLab       | • HotSpot          | • CNC Machine |

## RELEVANT CLASSES:

- |                               |                        |                          |
|-------------------------------|------------------------|--------------------------|
| • Electric Power Distribution | • Ordinary / Partial   | • Intro to Digital       |
| • Electromechanical Energy    | Differential Equations | Computation              |
| Conversion                    | • Signals & Systems    | • Electromagnetic Fields |
| • Calculus I, II, and III     | • Systems & Controls   |                          |