# Objective

Seeking summer internship experience.

# Education

## The College of New Jersey, Ewing, NJ 2014-Present

Bachelors of Science in Electrical Engineering; Minor: Physics **GPA:3.14**

Coursework: Computer Science (C++ & Matlab), Circuits, Electronics, Advanced Math for Engineers 1 &2 , Embedded Systems, Computer Architecture, Signals & Systems, Modern Physics, Communication Systems

## Activities/Memberships: 2014-Present

IEEE; TCNJ Amped; TCNJ Student United Way; TCNJAMS (Founder & President; currently in Student Government recognition phase)

# Experience (references available upon request)

Engineering Curriculum Design Projects: September 2014-Present

1. One Handed Keyboard: Devised concept in response to design prompt/constraints; Designed keyboard matrix schematic; wrote code to count frequency of character use in text files & to interface keyboard with computer via Arduino microprocessor.
2. Four Bit Comparator: Developed system of labeling breadboard connections and grouping connections for the purpose of abstraction in design.
3. Autonomous Fire Extinguisher (Team Lead): Organized team meetings and logistics; developed an autonomous robot that would travel a set distance and extinguish a candle flame.
4. Waveform Design: Conceived alternate solution to harmonic power minimization design project which circumvented the need for a convoluted mathematical solution.

## Server, Biagio’s/The Terrace, Paramus, NJ Summer 2015-Present

Prepared the Terrace for wedding’s; managed orders; handled customer requests/complaints; ran food trays; served; trained new employees.

## Self-Employed, Fair Lawn, NJ April 2008-December 2014

Created and managed a business with two employees; created utilized online schedule maker; walked dogs; watched pets & houses; cleaned garages; performed yard work; assisted elderly in household tasks

**Vivint Home Automation & Security Summer 2015**

Researched competition in home automation/security; conducted sales pitches; gathered customer referrals; managed customer accounts

# Skills

Proficient in Microsoft Excel, Word, PowerPoint; customer service& sales; Experience with coding in: C++, Matlab, Verilog; P-Spice & LT-Spice Circuit Simulation Software; musical abilities( guitar, piano, bass – 8 years of study)