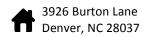
# **Evan Peaire**









#### **EDUCATION**

Clemson UniversityAnticipated May 2017Bachelor of Science: Computer ScienceGPA: 3.25/4.00

## **SKILLS**

**Programming Languages:** C, Assembly, C++, Java, Swift **Software:** MatLab, Maya, Microsoft Word, Excel, PowerPoint

#### **RELEVANT PROJECTS**

- Composed a program that identifies and incorporates strings and operands, including convolution, scaling, and root mean square.
- Devised a program that read a file, found and manipulated strings and bits, based on specified constraints.
- Used structures to read and manipulate a .bmp picture file and then rewrote it as a new file.

#### **KEY COURSES**

Engineering Graphics and Machine Design Method 3D Production Differential Equations iOS App Development Electrical Circuits I & II Calculus I – III Human Computer Interactions Statistics

## **ENGINEERING HIGHLIGHTS**

### **Enabling the Future**

- · Create 3D printed prosthetic upper limbs from customized .stl files for children in need.
- Alter prosthetic design to accommodate task specific usage (cup holder, etc.).

#### **Special Projects in Engineering: Robotics**

- Used engineering and design principles to build and program robots.
- · Implemented experiments in controlling robot's movements using Matlab and Mindstorms programs.

## **Creative Inquiry**

- Built code and graphics to test autonomous vehicles.
- · Worked with designing bipedal robot designs and coding their movements.

#### **App Development**

- Designed and developed a prototype logic app for the Clemson Life Program
- This app assist mentally challenged students with stepping through tough situations which allows them to become more independent and self-sufficient

## **WORK EXPERIENCE**

Product and Quality Intern, Advance Industrial Distribution

May 2015 – August 2015

Cornelius, North Carolina

- Obtained information from engineering drawings, documents, sketches and verbal information.
- Utilized measuring instruments, gauges and tools to dimensionally check cutting tools and/or parts for conformance to prints and specifications.
- Loaded, aligned and operated Computer Numerical Control milling machines per drawing instructions.

Tennis Instructor, Lake Norman Tennis Academy

July 2013 - August 2016

Cornelius, North Carolina

Assistant Tennis Instructor, The Club at Westport

June 2011 – August 2012

Denver, North Carolina

## **OTHER EXPERIENCE**

### **Global Travel**

- Expanded cultural views while exploring sites in France and Germany including the Dachau Concentration Camp, The Louvre, Notre Dame Cathedral, Bavaria and Munich.
- Extensive travel throughout the United States, visiting 45 of the 50 states while traveling in a motorhome
  for one year. I was homeschooled and received a majority of my education from the many museums,
  historical landmarks, factories and national parks across the country.
- Co-created, launched and wrote for PeairesDreamAdventure.com which documented our yearlong journey