



Evan Peaire

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EDUCATION

Clemson University
Bachelor of Science: Computer Science

Anticipated May 2017
GPA: 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
Cornelius, North Carolina

May 2015 – August 2015

- 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
Cornelius, North Carolina

July 2013 – August 2016

Assistant Tennis Instructor, The Club at Westport
Denver, North Carolina

June 2011 – August 2012

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