NAME

PERSONAL INFORMATION

Personal information

Summary

Currently, an electrical design intern with a passion for digital logic based circuits. Developed home projects (example: Jarvis-like system) using Arduino and Raspberry Pi platforms. Began development on a haptic feedback suit for virtual-reality experiences. Innovative, creative, and highly motivated to create efficient solutions that raise the standard of living and solve problems.

Experience

Electrical Designer ▪ Dec 2013 – Current
Wright Engineering ▪ Chandler, AZ

Designed plans for public/private street lighting, traffic signals, and landscape lighting; handled on-site inspections of existing conditions/equipment; reviewed completed plans for accuracy

- Discovered a way to gather necessary information without time-consuming site visits, thus, allowing for more time in the office improving electrical designs
- Found ways to more efficiently use AutoCAD and shared with team members
- Completed jobs quicker than expected while under high pressure deadlines, allowing time for thorough reviews resulting in higher quality completed plan sets
- Clarified employer's expectations before beginning any job to ensure successful completion and minimal confusion
- Selected to train new employees on efficient ways to complete assigned tasks

Inventory Manager▪ July 2011 – Dec 2013
As Is Arizona ▪ Tempe, AZ

Organized up to 1.2 million dollars' worth of product to be shipped daily, processed orders using Excel and Word, and regularly counted inventory

- Designed an excel spreadsheet to automate inventory previously calculated by hand, drastically reducing paperwork
- Conveyed customers' unique needs to warehouse team and ensured they understood all instructions before they began the job, thus, preventing confusion and increasing team productivity

Math Tutor▪ August 2010 – July 2011
Self Employed

Tutored in a range of math classes from Algebra to Calculus

- Tailored lessons to cater to the learning ability of each student
- Helped students' test scores rise from D's to A's
- Sought feedback to improve skills and customize lessons, reducing the learning curve and producing valued results promptly

Computer Skills

- Microsoft Office applications
- AutoCAD, Solid Works, MatLab, Cadence
- Coding languages VHDL, C++, Python

Education

Electrical Engineering ▪ August 2013 – May 2016
Arizona State University ▪ Tempe, AZ

- On track for overall GPA of 3.13
- Senior Design Project
    - With my team, we built a program from scratch to process field data for digital storage as part of a larger project to quickly identify power outages.
    - I discovered a way to remotely activate our storage program using basic quad copter equipment.