ANNE V. JOSEPH

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Objective

To obtain a position that will develop skills and gain experience in electrical and computer engineering.

Skills

C, C++, Windows, Auto CAD, Electronic Workbench Multism, Rensselaer Mobile Studio, Arduino, familiar with voltmeter, and setup electrical circuit.

Education and Training

Bachelor of Science, Electrical and Computer Engineering   12/2012

Morgan State University   Baltimore, M.D

Courses Completed

- Engineering Mechanics; Thermodynamics; Electrical Circuits; Digital Logic; Material Devices; Signals and Systems; Electromagnetics; Electronic Circuits; Discrete Systems; Principle of Design.

Senior Design Project

- Developed an app to track a Morgan State University shuttle bus route called Morgan Shuttle Tracker, 2011-2012
- Purpose of app is to be used as prototype for Morgan State University shuttle bus service.

Experience

Director   6/2014-9/2014

FRIENDSHIP FOR TOTS, INC   Mount Vernon, N.Y

FWC SUMMER ENRICHMENT PROGRAM 2014 is an 8 week summer enrichment program for students.

- Supervised a staff of 9 employees and responsible for 45 students ages ranging from 5 to 12 years.
- Coordinated and facilitated field trips.
- Administered lesson plans and art and craft projects.
- Maintained safe and clean environment.

Teacher   9/2013-6/2014

FRIENDSHIP FOR TOTS, INC   Mount Vernon, N.Y

Child care provider that offers a loving, supportive, safe, and educational environment for students.

- Prepared weekly lesson plans for children 2.5 - 3 years of age.
- Administered activities to enhance early childhood development through interaction.
- Maintained daily schedule such as nap, lunch, snack, play, and circle time.

Mentor and Tutor   6/2011-8/2011

CASA   Morgan State University, Baltimore, M.D

Mentor and tutor incoming Morgan State University freshmen students.

- Ensured students attended classes on time.
- Assisted students with math homework.
- Coordinated interactive workshop for students.

Research Assistant   5/2009-5/2011

KIMCOE   Morgan State University, Baltimore, M.D

Developed and programmed a Multimodal interface. Projects are presented at school and symposiums.

- Integration devices are haptics force feed back, hand and wand tracker for InterSense tracking system to immerse client in virtual environment.
- Submitted weekly programming projects and progress reports.
- Supervised 15 students.

- Ensure Functionality of devices and network in the visual simulation lab.
- Managed large scale projects, with budgets over exceeding $1 million.

Research Assistant 1/2009-5/2009

CESET Morgan State University, Baltimore, M.D

Collected data to compare and contrast the prices and specifications of analog to digital convertors for NASA astronomy receiver.
- Product testing of analog to digital convertors of various companies.
- User Accepting Testing of analog to digital convertors able to sample 100 MSPS and 16 bits of data.
- Developed and facilitated presentation of results to lab manager and NASA.
- Part of a team of 4 undergraduate and graduate students to acquire and modify NASA IDL astronomy receiver.

Organizations

- Member, The Society of Women Engineers(SWE), 1/2008-Present
- Member, National Society of Black Engineers(NSBE), 8/2006-Present