ANJALI SRIDHARAN

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WORK EXPERIENCE

1.   Mine-It-Designs- Student Owned and Operated Sustainable Printing Company   **May 2012 -June 2016**
- Started printing company through support of Young Entrepreneurs Academy
- Responsible for overseeing operations, finances and vendor management
- Managed screen-printing machinery in industrial manufacturing facilities

2.   Zyvex Labs- Engineering Internship   **October 2015 - June 2016**
- Conducted at precision manufacturing company
- Experience using CAD design softwares
- Responsibilities include designing lithography masks for devices used in studies conducted by Rice University and UT Dallas

3.   Natural Sciences and Engineering Research Labs (UT Dallas) Internship   **August 2014 -August 2015**
- Continued work with Dr. Ron Smaldone after completion of 2014 Nanotechnology Internship
- Work in Department of Chemistry with the creation of new organic structures (porous structures)
- Involved in synthesis and testing using Nuclear Magnetic Resonance Imaging and Matrix Assisted Laser Desorption/Ionization

4.   MacDiarmid Institute of Nanotechnology, University of Texas at Dallas   **Summer 2012- 2014**
- Accepted into competitive summer program, under Dr. Anvar Zhakidov
- Has worked with nanotechnology, semiconductor doping, and synthesis of carbon nanotubes

6.   Daffodils Preschool – Administrative Assistance   **Summer 2012-2013**
- Helped in administrative office tasks
- Developed proficiency in Microsoft Office Suite and QuickBooks Accounting

LEADERSHIP POSITIONS

1.   Mine-It-Designs, CEO and Operations Manager   **May 2012 -June 2016**
- Managed a team of student designers, set up website and hosting
- Managed heavy machinery in industrial manufacturing facilities.

2.   Section Leader, Independence High School Band   **Summer 2014-June 2016**
- Guided and taught band members marching fundamentals
- Organized and executed sectionals and pass-off assessments

3.   Business Professionals of America- Club Founder and President   **September 2014-June 2016**
- Founded Independence High School BPA Chapter
- Advise and guide members to explore career options and compete in state/national events

ACHIEVEMENTS & AWARDS

1. Business Professionals of America   **May 2014**
Ranked sixth in the nation in Entrepreneurship Event, National Conference

7. Seimen's Competition - Finalist   **July 2014**

Research Project 'Synthesis of a Modified Metal Organic Framework as a Gas Storage Material' was selected as a regional semifinalist in the Siemens Competition in Math, Science and Technology

7. UTD IDEA App Design Challenge- Finalist   **July 2014**

Mobile application 'CommuniCoach- a unique knowledge bartering system' ranked in the top 10 ideas in the state

8. Code Authority CodeLaunch Business Plan Competition- Semifinalist   **Summer 2015**

Ranked in top 25 entries in Idea Development Competition sponsored by software development firm

9. All Region Band Member   **2013-2016**

Three time qualifier into All-Region band

SERVICE

2. Veteran's Memorial Service Project   **2014**

x   Service Initiative inspired by experiences with local veterans

x   Narratives of local veterans are compiled and recorded to be sent to US Library of Congress

3. Habitat For Humanity   **2012-June 2016**

x   Regular Volunteer for sustainable low-cost housing and community improvement projects

x   Served others while also gaining hands -on experience in design and construction

EXTRACURRICULAR ACTIVITES

1. Independence High School Band   **2014-June 2016**

x   Four year commitment to school marching band , and four year member of WindEnsemble (Top Band)

2. Independence High School BPA   **2014-June 2016**

x   President and active participant

x   Competed in events such as Entrepreneurship, Small Business Management, Systems Administration using Cisco solutions

3. Peer Tutoring Circles   **2014-June 2016**

x   Founded 'knowledge- bartering' system with peers to collectively improve performance in school

x   Served as basis for the creation of award-winning application CommuniCoach

4. Arduino Developers Circle   **2013-June 2016**

x   Explore, create different Arduino devices with other students