

SHRIYA MISHRA

WORK EXPERIENCE

- **SAP Labs India [Oct 2016 - Present]** - Working as a developer in the Fashion Management team, developing products for the fashion industry. Came up with optimized algorithms for different modules of the product like Available to Promise. Customers include Adidas, Nike, Giorgio Armani, Under Armour and others.

EDUCATION

- **[10th Class]** - St.Ann's High School, Secunderabad (2010) **[Percentage : 92.87]**
- *Indian Certificate of Secondary Education (ICSE)*
- **[12th Class]** – FIITJEE, Saifabad(2012) **[Percentage : 90.00]**
- *Board of Intermediate Education(MPC)*
- **[B.Tech]** – Biju Pattanaik(2015) **[Percentage : 85.57]**
- *Biju Patnaik University of Technology (BPUT)*

TECHNICAL SKILLS

- **Operating Systems:** Windows.
- **Language:** C++, JAVA, SQL, PLSQL, ABAP, PYTHON
- **Software Tools :** Microsoft Office, LATEX, Eclipse.

PROJECT DETAILS

RESEARCH INTERNSHIP IIT Madras (2015): Extensively studied on the **Minimum Spanning Trees (MST)** under Dr. Meghna Nasre (IIT Madras) and came up with an approximate algorithm that solves the **Bounded Degree Minimum Spanning Trees(BD-MST)** and **Minimum leaf Spanning trees(Min-LST)** in polynomial time. These approximate algorithms form the base for most of the algorithms that are used in various communication protocols that are implemented in the Adhoc network.

RECOMMENDATION SYSTEMS USING GRAPH MODELLING(2015): Designing of recommendation based systems using Graph traversals

HELIOS (2017) - Worked as part of a team, developed and presented a prototype which analyzed historical data to predict available solar energy on Mars and devised an optimization algorithm to suggest efficient use of solar energy based on needs of the astronauts. Prototype was made as part of NASA SpaceApps Challenge Bangalore and ended up in the 2nd position.

PROLEGO (2017) : Worked on a machine learning project which aims at accurately predicting the result of a football match using several machine learning algorithms. Developed an end to end prototype which included data scraping, data analysis, feature extraction and predictive modelling.

ACHIEVEMENTS

- Runner Up - NASA SpaceApps Challenge Bangalore
- Research Intern 2015 under Dr. Meghana Nasre at IIT Madras on the topic, **Minimum Spanning Trees(MST), Bounded Degree Minimum Spanning Trees(BD-MST) and Minimum leaf Spanning trees(Min-LST)**
- Successfully completed a course in **ORACLE(SQL/PLSQL)** in Uclid IT School at Amcerpet, Hyderabad.
- Finalist in Code Busters, a coding competition conducted at CET(2014).
- Organised the KAROBAAR, the flagship event of XTASY, CET.
- Organised a charity event under NSS, during XTASY, CET

- Organised Code Busters, the flagship event of XTASY, CET(2015).
- Member of the Public relations team in E-CELL, CET-B.
- Runner up in the State level Painting Competition.
- Cultural Secretary as well as House captain (Shamrocks) at St. Ann's High School, Hyderabad.

PERSONAL DETAILS

- **Mothers Name:** Subhasri Mishra
- **Fathers Name:** CBM Mishra
- **Date Of Birth:** 17th April 1994
- **Gender:** Female
- **Languages Known:** English, Hindi, Oriya, Telugu.
- **Hobbies:** Painting, Singing and cooking