**ATIT ACHARYA, BSc. Computer Engineering**

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Tyler, TX 75701

(Legal to work in the U.S.)

**OBJECTIVE:** Dedicated Graduate Computer Science student/recent graduate with experience in data mining, machine learning. Pursuing an immediate position with NAME OF COMPANY as a POSITION (willing to relocate). Additionally, seeking to expand experience and knowledge in the (another area the company works in).

**SKILLS:** Auto-CAD (Certified) Detail-Oriented Leadership Communication Multitasking Organization

Bi-Lingual Strata SLAMMER

Time Management Ethical Geotechnical Engineering

**RELEVANT EXPERIENCE:**

**Saudi Electrical Company, Medina, Saudi Arabia 05/2010 – 04/2011**

(Field Electrical Engineer)

* Designed and drafted course curriculum for Roadway Management Class (CENG 3300) and presented to College of Engineering achieving approval and implementation.
* Presented research on hydrology performance of municipalities, reducing erosion potential in crowded areas.
* Taught 13 laboratory classes on Fluid Power (CENG 3336) to 30 undergraduate students, increasing class participation by 15%.

**Shield Engineering Group, Dallas, TX 09/2017 – 05/2018**

(Land Surveying Intern)

* Conducted topographic design surveys for 15 clients, reducing client wait time by 13%.
* Provided guidance to clients on boundary surveys, increasing contracts by 50%.
* Performed Hydrologic Modeling for the City of Tyler, providing increase in City revenues.

**The University of Texas at Tyler, Houston Engineering Center, Houston, TX 02/2016 – 06/2017**

(Design Engineer – Habitat For Humanity Capstone Project)

* Prepared bidding documents and reviewed preliminary bids from multiple contractors, expediting customer contracts.
* Generated 100 AutoCAD drawings for roadway design for new sub-division, saving $1.5M in potential tax losses.
* Performed concrete quantity estimates for airport with multinational team of experts, reviving international flights to and from the Tyler area.

(Research Engineer – Robotic Arm Project)

* Researched 500 documents identifying deficiencies in mechanical arm mechanisms.
* Collaborated with (5) mechanical and electrical engineers designing new robotic arm.

**Institute for Professional Training and Management, Tyler, TX 11/2015 – 01/2016**

(Civil Engineer)

* Prepared multiple preliminary training reports, improving the training process for Engineers.
* Organized training programs related to water resources, reducing budget losses by 5%.
* Assembled the final training reports, contributing to 100% student completion and certification.

**National Society for Earthquake Technology (NSET), Tyler, TX 09/2015 – 10/2015**

(Civil Engineer)

* Performed preliminary damage assessment of residential buildings affected by 2015 area tornadoes.
* Provided safety rankings to the structures.

**COMMUNITY / VOLUNTEER INVOLVEMENT:**

**Pembroke Little League Soccer, Tyler, TX 08/2012 – 10/2015**

(Soccer Coach)

* Organized Co-ed youth team of 25 students, achieving first place in City Championship.
* Solicited and obtained sponsorship funding, raising $25K for needed equipment and jerseys.

**EDUCATION:**

The **University of Texas at Tyler, Houston, TX Anticipated Graduation: 5/2022**

Bachelor of Science, Civil Engineering (BSCE) **GPA 4.0/4.0**