

MEHAK BERI

16500 Lauder Lane, Apt. 6104, Dallas, TX-75248 || +1-6468946202 || mehak.beri@utdallas.edu

OBJECTIVE

To reach a position that will enable me to use my strong communication skills, organizational skills, educational background and ability to work well with people and help me grow as an individual.

EDUCATIONAL QUALIFICATIONS

- **Master of Science**, Computer Science, The University of Texas at Dallas
Expected Graduation: May 2019
- **Bachelor of Engineering**, Electronics and Electrical Engineering, Panjab University, Chandigarh, India
Graduated: July 2016 | CGPA- 8.3/10
- **Specialization:** Certified LabVIEW Associate Developer (CLAD) | July 2017

PUBLICATIONS

- **Rotation Direction Control by Finger Movement** [December, 2014]
IEEE International Conference on Computational Intelligence and Computing Research (2014 IEEE ICCIC)
IEEE Xplore: Catalog Number: CFP1420J-ART | ISBN: 978-1-4799-3975-6
- **Intelligent Floating Car Parking System** [December, 2014]
International Conference on Recent Advances and Trends in Electrical Engineering | ISBN: 978-93-84869-05-2/323

TECHNICAL SKILLS

- **Operating Systems:** Windows, Linux, OSX
- **Application Software:** MS Excel, MS Word, MS Powerpoint, MS Access, Adobe Photoshop, Outlook, Wordpress, VideoScribe
- **Software Languages:** HTML, CSS, Javascript, JQuery, C, C++, Java, Python, R, MATLAB, LabVIEW, SQL, Verilog, PLC, SCADA, HMI
- **Software Tools:** Eclipse, R Studio, Netbeans, Sublime, CCW, Factory Talk View, Panel View Component Emulator

PROFESSIONAL WORK EXPERIENCE

- **Parking & Transportation Department, UT Dallas Student Worker-Front Desk Position** [June 2017 onwards]
 - Responsible for helping students, visitors, and Faculty/Staff who come to the Parking office for assistance. Duties include cashiering responsibilities, answering student's questions regarding their account and filing
- **Seekhley, Gemini Solutions, Gurgaon, India Software Engineer, Experiential Instructor** [Jan 2016 – Nov 2016]
 - Front end website development using technologies like HTML, CSS, Bootstrap, JQuery and Javascript
 - Created modules based on Kolbe's Model of Experiential Learning for delivering curriculum mapped experiential learning in the form of activities and workshops, and delivered the same to over 700 kids from over 15 schools in Delhi NCR, India
 - Business Development of an Experiential Learning startup called "Seekhley". Teaching and Organizing sessions for children, creating videos, handouts and providing voiceover for videos. Graded assessments after session
- **Arrive Safe Freelance Writer-Editor** [Aug 2014 – Oct 2014]
 - Authored a book/manual on traffic safety and traffic rules in India in collaboration with an NGO called Arrive Safe

OTHER WORK EXPERIENCE

- **Data Analyst/ Clerical assistant for Electrical Engg. department, UIET, Panjab University:** Assisted professors with duties such as labelling and sorting different kind of research papers. Provided data entry support and worked with confidential data. Processed incoming and outgoing payments, data modeling and sorting. Responsible for sending faxes, filing, making photo copies, making deliveries; and related clerical duties as needed.
- **Marketing and Design for IEEE, Panjab University:** Raised funds for conducting technical fests under the IEEE banner. Responsible for allocation of resources at hand to best organize fests and conferences. Designed IEEE-UIET website using content management system: Wordpress. Also designed many posters and banners using Photoshop.

PROJECTS

- **Research Project: Energy harvesting from footsteps using Piezoelectric materials** [Feb, 2015- Dec, 2015]
Sponsored by: Defense Research and Development Organization, India
- **Java Projects:**
 - Games: Intelligent Nim Game, Hangman, TicTacToe, Blackjack and Hearts
 - Address Book complete with functionality of adding, editing and deleting an entry
- **Web Application:** Developed a fully functional application comprising of a Registration Form, an Edit Page and an Information Table with editable rows using HTML, CSS, Bootstrap, JQuery & Javascript.
- **PLC Projects:** PLC based 4 way Traffic signal control, PLC based medicine mixing machine and PLC based Elevator Control

ACCOMPLISHMENTS

- Won first prize at Anveshan 2015, a student research convention [December, 2015]
- Conferred IEEE Outstanding WIE Student Volunteer Award [February, 2015]
- Given Best Paper Presented Award in international Conference, RATEE [December, 2014]

POSITIONS OF RESPONSIBILITY

- **Convener:** Magboard, UIET- Literary committee of UIET [Jan, 2015]
- **Vice Chairperson:** IEEE UIET [Jan, 2015]
- **Chairperson:** WIE UIET [Feb, 2014]