**Tenzin Dhondup**

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# Education

**Bachelor of Computer Engineering** Expected: May 2023

The University of Texas at Dallas

* Relevant Coursework: Computer Networks, Data Structures & Algorithms, Software Engineering, Computer Science II, Linear Algebra, Probability & Statistics, Discrete Mathematics

# Projects & Activities

**Mobile App –** *Hack UTD*

* Developed a mobile application using Android Studio (JAVA) that connect users to each other
* Worked on front end on designing key features such as navigation for users
* Coordinated team of 3 by setting up frameworks, assigning tasks, and finalizing timelines

**Movie Seating System –** *Computer Science I*

* Developed an application that theaters could use and accommodates for ticket types such as pricing, age, and seating
* Implemented algorithm to recommend best seating based on preference, availability, and distance from seats
* Incorporated 2d dynamic arrays and pointers (C++) to make sure there were no boundary issues

**VEX Online Challenge –** *Vex Robotics*

* Designed program that controls a robot autonomously in a virtual environment (Robot C)
* Managed teams to see how tasks could be divided and set up timelines to finish the competition in a timely fashion

**Stem Club**, Vice President

* STEM think tank where we held discussion on current world problems and how they can be solved by our available technology **VEX Robotics**, Engineer
* Designed and built competition robots that carried out tasks to finish a specific objective

**IEEE**, Member

Experience

**Mathnasium**, Floor Instructor October 2018 – July 2019

* Instructed children in their academics with a large focus on mathematics
* Collaborated with a team of 20 to deliver curated instruction to students
* Interacted with parents, speaking clearly to ensure proper communication of policies

**UREC**, Associate Dec 2020 – June 2021

* Assisted members in our facilities who had any problems
* Organized conferences about the future of our facilities and any updates to current rules
* Personally trained newer employees to teach necessary skills

# Technical Skills

**Languages**: C++, Java, Python, HTML, CSS, JavaScript, C, Robot C, MIPS

**Tools & Certifications**: OSHA, Autodesk Inventor, Wolfram Mathematics, Matlab, Pspice