Moises Trejo

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EDUCATION

Massachusetts Institute of Technology (MIT)	**Cambridge, MA**
Candidate for BS in Computer Science; GPA: 5.0/5.0	*Expected June 2022*

Relevant Coursework: Computation Structures, Introduction to Algorithms, and Mathematics for Computer Science

School of Science and Engineering (SEM)	**Dallas, TX**
High School Diploma; GPA: 3.8/4.0	*June 2018*

Relevant Coursework: AP Computer Science

EXPERIENCE

Virtual Reality Zone Award Winner by Google — **Cambridge, MA**
Massachusetts Institute of Technology — *September 2018*
- Created 'Estar Guars' using the HTC Vive in a team of four at HackMIT 2018
- Learned Unity and C# to create the environment of the project in 24 hours
- Integrated physics engine and procedurally generated asteroids to complete the project

Summer Academy for Math and Science — **Pittsburgh, PA**
Carnegie Mellon University — *2017*
- Programmed autonomous robot to navigate maze and use a marker to color in areas
- Completed freshman-level Python course and developed a working computer game for final project
- Completed discrete mathematics course, Mathematical Foundations for Computer Science

Code Longhorn — **Austin, TX**
University of Texas at Austin — *2017*
- Led in a team of four to use an Arduino, potentiometer, and LEDs as components to build a computer screen
- Utilized potentiometer as input for an adventure video game made for the screen

AP Computer Science Teacher — **Dallas, TX**
School of Science and Engineering — *2017 - 2018*
- Instructed 10th grade AP Computer Science course to 24 students
- Covered topics including lists, recursion, complexity, and game development

Architecture, Construction and Engineering (ACE) Mentor Program — **Dallas, TX**
Student — *2016 - 2018*
- Designed a modern office building and eco-friendly library in SketchUp for week long design charretes

LEADERSHIP/ACTIVITIES

Society of Professional Hispanic Engineers (SHPE) — **Cambridge, MA**
Member — *2015 - Present*
- Collaborated with technology and engineering companies to promote Hispanic participation in these fields
- Prepared in workshops for professional development and presentations for local promotion of SHPE

First Robotics Competition — **Dallas, TX**
Programmer — *2015 - 2018*
- Coordinated visual programming of the robot in order to see targets and launch projectiles
- Taught a group of 5 underclassmen Python and teamwork skills so they could participate in robot development

League of United Latin American Citizens — **Dallas, TX**
Member — *2015 - 2018*
- Promoted the equality of Latin American citizens through rallies and workshops in local community
- Volunteered for over one hundred hours in low income neighborhoods

United Interscholastic League — **Dallas, TX - Austin, TX**
Member — *2015 - 2018*
- State qualifier for General Mathematics and Computer Science team academic competitions

TECHNICAL SKILLS

- **Programming/Scripting** Java (Proficient), Python (Proficient), LaTeX (Proficient), Vim (Proficient), C++ (Experienced), JavaScript (Experienced), C#(Experienced)
- **Operating Systems** UNIX, Linux, Mac OS, Windows
- **Office Skills** Word, Excel, Powerpoint
- **Languages** Spanish (Native), English (Native)