

Garrett Weston

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Objective

Seeking internship which will deepen understanding of software engineering and machine learning to enable long term goal of working with innovative data management/analysis, especially through quantum computing.

Core Technical Skills

- Proficient in Python, well versed in Scikit-learn, TensorFlow and computer vision techniques
- API development and implementation to interface various modules and programming languages
- Versed in C#, C++, HTML and LaTeX

Scholastics and Education

Bachelor of Science – Computer Science (3.5 GPA)

08/2019 to Present

Texas A&M University – College Station, TX

- *Applied Cognitive Ergonomics Lab; Statistical Analysis team: Gathering and utilizing biometric data to train machine learning models for predicting future mental health episodes in users*
- Texas A&M RoboMasters Robotics: Select-only team for designing and implementing computer vision algorithm to aid user aiming and establish fully automated defensive turrets
- ACE Scholar (Engineering Honors, Computer Science and Engineering track)
- HowdyHack, September 2019: Automated scheduling application which utilizes machine learning to establish optimal schedule based on user-defined preferences

NASA Community College Aerospace Scholar – Stennis Space Center, MI

07/2019

- 12-week online acceptance course with CAD based rover design challenge
- One-week onsite, competitive team-based rover design challenge (EV3 Mindstorms)
- Team manager and software developer for onsite design challenge
- Internship and academic counseling by NASA staff

Credits for Associate Degree – Engineering (3.6 GPA)

08/2017 to 08/2019

Austin Community College – Austin, TX

- *Transcript verification to qualify for associate degree in progress*
- Inducted into Phi Theta Kappa National Honor Society
- Texas A&M University Chevron Engineering Academy as of Fall 2018
- Fall 2018/Spring 2019 Benchmark Scholarship recipient

Volunteer Opportunities

Student Panel – New Student Orientation

Fall 2019

Texas A&M Engineering Academy – Austin, TX

- Participant on interactive five-student panel for incoming Aggies and Aggie families
- Shared academic prep and maintenance strategies with students and parents

Peer Notetaker – Student Disability Services

Fall 2018

Texas A&M University System

- Helped provide equal opportunity to Aggies through recording accurate and succinct notes
- Ensured cohesion and continuity in notes to foster understanding of core concepts