

# GARRETT WESTON

Computer Science  
Texas A&M University  
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## Mission Statement

Seeking internship or co-op position focused on software engineering, data science and distributed networks. Career goals include deploying data-driven innovations across cutting edge service-oriented architectures which integrate the edge and internet of things.

## Experience and Skills

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|-----------------------------|--|
| <b>Software Development</b> | - Software Development and Cloud Architecture  |
| <b>Intelligent Systems</b>  | - Data Preparation and Analytics, Machine Learning, Deep Learning, Explainable AI      |
| <b>Data Science</b>         | - Intelligent systems integration  |
|                             | - Polished interpersonal communication, team development and project management skills |

## Highlights

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|--|---|
| <b>Dell Technologies<br/>Cloud &amp; Analytics Intern<br/>Summer 2020</b>            | - Software Engineering and Data Science   |
|  | - Establish frameworks and best practice for explainable artificial intelligence protocols                                    |
|  | - Design predictive algorithm targeting Lithium-Ion battery swelling for deployment across existing cloud engines             |
|  | - Interface effectively with team members and stakeholders in a fully remote setting  |
| <b>Texas A&amp;M University<br/>Comp. Science &amp; Engineering<br/>Peer Teacher</b> | - Program Design and Concepts in C++ (CSCE-121)   |
|  | - Data Structures and Algorithms (CSCE-221)   |
|  | - Host lab sessions, office hours and review lectures to assist students and professors in achieving core learning objectives |
| <b>Achievements</b>  | - Texas A&M University Dean's Honor Roll  |
|  | - Engineering and University Honors, Computer Science and Engineering Track   |
|  | - NASA Community College Aerospace Scholar, MVP   |
|  | - HowdyHack, TAMUHack, Datathon, Challenium, Robomasters Robotics   |

## Technical Proficiencies

- Machine/Deep Learning: JupyterLab, TensorFlow, OpenCV, Keras, PyTorch, ensemble methods for combining traditional tools
- Software Development: C-family languages for object-oriented design, primary strengths include C++, C#, Java, Python, functional programming, Linux/UNIX shells and command line interfaces, JavaScript
- Data Visualization: R, matplotlib, seaborn, familiarity with Power BI and Tableau
- Project Management: Agile, JIRA, Confluence, git, Trello, Experienced leadership skills

## Texas A&M University Research Highlight

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|---|---|
| <b>PTSD Continuous Monitoring<br/>Fall 2019</b> | <b>Applied Cognitive Ergonomics Lab</b> — Dr. Farzan Sasangohar<br>Industrial and Multidisciplinary Engineering   |
|   | - Applied Cognitive Ergonomics Statistical Analysis team lead by Mahnoosh Sadeghi   |
|   | - Statistical modeling and machine learning to establish continuous monitoring system for ongoing treatment of post-traumatic stress disorder in veterans |
|   | <a href="https://acelab.tamu.edu/garrett-weston/">https://acelab.tamu.edu/garrett-weston/</a>   |

## Academics and Education

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|---|---|----------------|
| <b>B.S. Computer Science<br/>2018 – 2021/2022</b> | <b>Texas A&amp;M University, College Station, TX</b>                                  | <b>3.8 GPA</b> |
|   | - University, Engineering and Dean's Honor Role                                       |                |
|   | - Extracurricular: university research, hackathons and student organization positions |                |
| <b>A.S. Engineering<br/>2017 - 2019</b>           | <b>Austin Community College, Austin, TX</b>   | <b>3.6 GPA</b> |
|   | - Phi Theta Kappa National Honors Society   |                |
|   | - Benchmark Scholarship for non-traditional college students                          |                |

## Volunteer and Service

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|---------------------------------------|---|
| <b>CS Honors Mentor<br/>2019</b>      | - Sharing experience and strength with underclassmen to navigate course load, ongoing challenges and foster long-term interests               |
| <b>Student Panelist<br/>2019</b>      | - Asked to advise incoming Academy Cohort on successful habits and behaviors to enable transition to Texas A&M Engineering at College Station |
| <b>Peer Notetaker<br/>2018 - 2020</b> | - Assist Student Disability Services to provide equity in education by sharing consistent and concise notes along with ongoing tutoring       |