

James Langdale

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Education

Texas A&M University

Present – May 2022

- Industrial and Systems Engineering
- Related Courses: MEEN 221, MSEN 222

McLennan Community College

2018 – 2020

- Computer Science
- GPA: 3.87
- Related Courses: Computer Science I & II, Calc I, II & III, Linear Algebra, Differential Equations

Experience & Organizations

Project Manager | Aggie Coding Club

August 2020 – Present

- Managed approximately 15 team members in developing a 2D game engine
- Organized weekly meetings around team member's schedules
- Provided project design and guidance
- Assist members with programming and development of project

Command and Data Handling | AggieSat Lab

August 2020 – Present

- Worked in the CDH sub team
- Developed software for AGS6 and ground support systems
- Developed GUI for ground control

Summer Engineering Tech | Texas Department of Transportation

Summer 2018 – 2020

- Tracking and recording used quantity for seat coat operation
- Maintaining and updating I-35 project plan sheets as change orders would come in
- Investigating RFI's in the field and determining if a change order might be necessary
- Inspection of drill shafts, rebar cages used for columns, and caps
- Inspection of steel and concrete beams
- Inspection of steel beam, splices, turn of the nut, and diaphragms

Skills & Abilities

Software

- Experienced in C++, C#, Java, Python
- IDE's Visual Studio/Code, PyCharm, IntelliJ IDEA

Mechanic Work

- 2 years of hands-on experiences diagnosing and repairing vehicles

Accomplishments & Academic Achievements

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|---|---------------|
| • Phi Theta Kappa Honor Society | Inducted 2019 |
| • National Honor Society | Inducted 2017 |
| • Competed in State Water Polo Championship | 2016 – 2017 |
| • Developed and published "Slopes" to Google Play Store | 2017 |