

James Langdale

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Education

Texas A&M University

Present – May 2022

- Industrial and Systems Engineering
- GPA: 3.625

McLennan Community College

2018 – 2020

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

Experience & Organizations

Projects Officer | Aggie Coding Club

December 2020 – Present

- Manage Project Manager applications, and project member sign ups
- Organize projects timeline and schedule meetings with project managers
- Help club members with general club questions
- Help project managers with leadership and technical questions
- Organize company sponsored events for members

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

Full-time Summers 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 & Projects

Software

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

Current Coding Projects

- Personal Website and Portfolio – hosted on GitHub Pages using Blazor to provide a progressive page site
- Vastr.io – top-down, cross platform multiplayer shooter, built using AWS and Unity, supports mobile and browser
- Aggie Bobble Bots – coding competition sponsored by Capsher, members of ACC compete to write the best Python bot

Accomplishments & Academic Achievements

- 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