

## James McLain Johnson

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Portfolio: [mclainj.github.io](https://mclainj.github.io)

### Objective

To join a team of passionate developers to craft innovative game experiences.

### Qualification Highlights

- B.S. in Computer Science in progress (senior)
- Proficient in Unity, C#, C++, and GLSL
- Lead engineer for 3D multiplayer game development with designers & artists

### Education

**Texas A&M University**, College Station, TX

May 2020

Bachelor of Science in Computer Science

Minor in Game Design & Development

GPR: 3.57

### Relevant Coursework:

Data Structures and Algorithms (Lab),

Programming Studio (Lab),

Linear Algebra,

Computer Graphics,

Game Development (Fall 2019),

Computer Systems (Lab),

Natural Language Processing,

Principles of Statistics I & II,

C# Unity Development 3D (online course),

Human-Computer Interaction (Fall 2019)

### Technical Skills

C++, Unity, C#, GLSL, OpenGL, Git, Python, Java, UE4, R, SQL, UNIX, Linux

### Experience

**Technical Lead**, iCode

May 2019-August 2019

Allen, TX

- Instructed students on varying areas of computer science, including game and virtual reality development in Unity
- Coordinated deployment of hardware and software to classes

**Research Member**, Natural Language Processing Group

August 2017-May 2019

College Station, TX

- Investigated and implemented sentiment/emotion analysis models
- Utilized machine learning tools and statistical methods

**Programmer**, Chillennium Game Jam 2016

September 2016

College Station, TX

- Implemented the design and mechanics of the team's game entry

**Owner**, The Bus Boys

June 2014-August 2016

McKinney, TX

- Provided set-up and clean-up services for a local wedding venue

### Activities

**Unity Game Development**

January 2019-Present

- Progressing my Unity skills by working on a variety of game mechanics and architecture

**Contestant**, ACM-ICPC Local Programming Contest

October 2017

College Station, TX

**Events Officer**, Japanese Language & Culture Club  
*College Station, TX*

January 2017-May 2018

**Computer Construction and Refurbishing**

Fall 2015-Summer 2016

- Managed the build and repair of several PCs

**Honors**

**National Academy of Engineering**, Grand Challenge Scholar

Fall 2017

**Boy Scouts of America**, Eagle Scout

Summer 2013

**References**

- Available upon request