Piper Barnes

SOFTWARE ENGINEER | FRONT END DEVELOPER

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in Piper Barnes
○ github.com/pipopleading

INDUSTRY EXPERIENCE

AdvancedMD – QA Developer — Apr 2025 - Current
Neumont Collaborative Project, South Jordan, Utah

- Fabricating and correcting unit tests for APIs.
- Collaborative work on medical cloud technologies.
- Technologies: C#, Amazon WorkSpaces, Powershell

RealmBreak Games — *Team Leader* — Jan 2025 – Mar 2025
Neumont Collaborative Project, Salt Lake City, Utah

- Assisted in quality assurance and bug testing for current projects.
- Proficiency in getting things done in a team-based environment.
- Technologies: Steam, Unreal, Discord

Pincushion Heart — *Lead Developer* — Oct 2024 - Current
Neumont Collaborative Project, Seattle, Washington

- Refactoring of all present gdscript code and shaders, development and engineering of all future functions.
- Engineering scalable game systems for long term development.
- Technologies: Github, OpenGL, GLSL, Godot, Steamworks, GDscript

Ly-OS Impetus — *Developer* — Apr 2016 - Jun 2016
Neumont Senior Capstone Project, City, State

- Implementation of collide and slide collision algorithms for use in unity 3d physics.
- Integration of C# 11 into Unity 6 for use of lambda expressions
- Technologies: C#, Unity, Github, Anchorpoint

EDUCATION

Bachelor of Science in Software and Game Development,
Neumont College of Computer Science, Salt Lake City, UT

Accomplishments at Neumont

Elected Captain in Esports Program
1st Place in Neumont Winter Game Jam 2024 & Summer 2023 Game Jam

Proficient:

- **C#**
- **C++**
- **Python**
- **Java**
- **Github**
- **Unity**
- **Unreal**
- **GDscript**
- **OpenGL**
- **Unit Tests**

Intermediate:

- **Html**
- **Css styling**
- **Steamworks**

Actively Learning:

- **Jira**
- **Diversion**
- **SQL**
- **Amazon WorkSpaces**
- **Javascript**
- **React**
- **Angular**
- **Cloud**

Durable Skills

Adaptable, Hard-working, Passionate, Knowledgeable, Concise, Inventive, Go-Getter Attitude