Josh Knapp

Software Development Engineer in Test

San Jose, CA • (805) 931-9337 • JoshDavidKnapp@gmail.com

[Portfolio](#) • [LinkedIn](#) • [GitHub](#)

Work Experience

[Meta](#) - *Virtual Reality QA Engineer*

May 2021 - current

- Create and execute comprehensive test cases for the Oculus VR Operating System, ensuring functionality and performance KPIs are met using TestRail and Python.
- Utilize diagnostic tools to pinpoint performance issues, collaborate with developers to prioritize and resolve issues, and gather detailed logs for comprehensive analysis, ensuring optimal application performance.
- Provide insights, developed improvement plans, and worked with automation teams to enhance tools/platforms for increased productivity.

[Chico State Game Studios](#) - *Lead Software Engineer*

August 2018 - May 2021

- Designed and programmed enemy ai pathfinding systems, a Starcraft-style unit selection and command interface, and a scriptable object weapon system in C# in Unity Engine.
- Effectively led a 5-member programming team in the agile development of diverse PC, mobile, and virtual reality games.
- Collaborated seamlessly with artists, modelers, level designers, and producers to create exceptional games.

Education

California State University, Chico - B.S., Video Game Programming

August 2018 - May 2021

- **Awards**: Certificate of Leadership Identity, Excellence in Computer Graphics
- **Organizations**: Vice President of Community Council, National Society of Leadership and Success, Computer Graphics Club, Community Action Volunteer

Cuesta Community College - A.S., Computer Science

August 2015 - May 2018

Certifications & Skills

The Python Institute - PCEP - Python Certified Entry-Level Programmer

ISTQB - CTFL - Certified Tester Foundation Level

Python, C#, C++, HTML, CSS, JavaScript, Java, Selenium, Photoshop, Unity, Microsoft Office, Agile Project Management, Git, Node, VR, Attention to detail, Leadership, Communication