

# KARSTEN STEINHORST

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## PROFESSIONAL EXPERIENCE

*Bentley Lab - Rohnert Park, CA*

*August 2023 — May 2024*

### **Lead VR Developer**

- Developed a VR game in Unity to enhance students' understanding of LiDAR technology, resulting in improved engagement and learning outcomes.
- Designed accessible and user-friendly interactive VR projects, ensuring an inclusive experience for users unfamiliar with VR.
- Conducted thorough testing alongside end-users (students) to validate product functionality, quality, and accessibility

*Students Rising Above - San Francisco, CA*

*January 2023 — August 2023*

### **CODEversity Program Assistant Internship**

- Collaborated with a team of 5 tech professionals to create and implement a coding curriculum for undergraduates, focusing on web development using Python, HTML, and CSS.
- Cultivated a creative learning environment, encouraging students to experiment, explore, and innovate.

*Sonoma State University - Rohnert Park, CA*

*August 2022 — August 2023*

### **Makerspace Student Assistant / VR Tech**

- Assisted students in utilizing various creative technologies and programs available, enhancing their hands-on learning experience
- Created documentation and instructional guides on Virtual Reality equipment and lessons
- Troubleshooted and maintained a wide array of hardware and software, ensuring smooth and uninterrupted operations.

*Center of Environmental Inquiry - Rohnert Park, CA*

*April 2020 — August 2022*

### **Lead Video Editor**

- Produced educational videos showcasing environmental reserves, providing accessible learning material during Covid Lockdown
- Trained and led a team of new hires in editing and production techniques, improving team efficiency and output

## SKILLS

**Languages:** Proficient in C++, Python, UNIX, C#, HTML, CSS, JavaScript, ReactJS

**Technical Skills:** Project Management(JIRA), Game Development(Unity, Unreal Engine), Software Development, Video Editing (Vegas Pro, Adobe Premiere), Graphic Design

## HONORS & AFFILIATIONS

**Students Rising Above:** One out of 75 students selected from 700+ applicants awarded membership into a selective college program targeting students demonstrating a deep commitment to education and strength of character in overcoming adversity (August 2018 — Present)

## PROJECTS - [ksteinhok.github.io](https://ksteinhok.github.io)

**Senior Project: Spotify Data Visualization Site using React/D3**

*November 2023*

**Unity LiDAR in Forestry VR Experience**

*March 2024*

## EDUCATION

**Sonoma State University**, Bachelor's Degree in Computer Science

*Graduated May 2023*