

# Andrew Kurano

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Versatile software engineer with 7+ years of Web, XR, and Unity experience

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## Top Skills

VueJS, Unity, C#, PlayCanvas

## Other Skills

AWS, ReactJS, Aframe, Heroku, Typescript, three.js

## Work Experience

**Senior Software Engineer**, TriggerXR

**2021- Present**

- Led and developed features on various XR experiences in both WebXR and Unity
- Oversaw developers on other projects while managing current project timelines
- Created architectural changes to core boilerplate code to improve future project life cycles
- Organized internal department sessions and handled one-on-one meetings with intermediate and junior developers in the department for mentorship and wellness checks
- Coordinated inter-department communication to help developers refine visual flow and UX

**Software Engineer**, TriggerXR

**2018-2021**

- Built out XR applications on web and mobile platforms both as solo developer and with a team
- Worked with project managers to track project scope and maintain client timelines
- Used VueJS framework to build out web frontend UI using Ajax design flow
- Used Unity to implement different shaders, 3D flow, and downloadable asset systems

## Projects

### **GE Lighting CES Demo**

<https://trigger-dev-public.s3-us-west-1.amazonaws.com/ge-lighting-ces2021-demo/develop/index.html>

- Created dynamic UI system that syncs up UI light controls with the simulated lights in the accompanying scene to properly showcase GE lighting functionality
- Combined different baked and dynamic lighting setups to visualize various lighting conditions such as sunset, inside, gamer lights, and nighttime garage lighting

### **Sony Pet Venomizer**

<https://trigger-dev-public.s3-us-west-1.amazonaws.com/sony-petvenomizer-mlwebsite/develop/index.html>

- Created stylistic UI page in VueJS to aesthetically match the Venom website on both mobile and desktop
- Utilized the Getty Images custom AI model on AWS to send and convert images of user's pet into a "venom" version and then download the generated image
- Handled hosting and site deployment to adhere to CORS and API key storage security guidelines

## Education

**University of Hawaii at Manoa**, College of Engineering  
Bachelor of Science in Computer Engineering

**Graduated 2018**