

## CONTACT

Email:

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<https://dwikit.github.io/#>

## SKILLS

XR Development

C#, JavaScript, Python

Unity, Unreal Engine

Teslasuit Certified

Firebase, MongoDB, SQL

Technical and Software  
Troubleshooting

Teaching and Mentoring

## PROJECTS

MDRS – VR

Bus Driver Training VR Sim

WSU Wheelchair Simulator

Adventure Climb VR

Bellevue College VR  
Anatomy Viewer

<https://youtu.be/w2pEv11Ks2Q>

VRMusicCubes

<https://youtu.be/rx94BRWkRkR>

## VOLUNTEER EXPERIENCE

Bellevue College VR Club  
VP

January 2018 – June 2021

## ACHIEVEMENTS

Air Force Achievement  
Medal

Air Force Good Conduct  
Medal

## Career Summary

Extended Reality developer with a passion for XR technology. Work experience includes creating XR applications using Unity and Unreal as well as educating students and faculty on XR technology. Seeking to grow my skillsets, share experiences and knowledge, and provide service through meaningful work opportunities.

## Work Experience

### Extended Reality Developer

July 2021 – Present, MXTreality, Seattle, WA

- Use various engines to create XR Experiences, such as Unity/Unreal, and implement sensory technologies.
- Daily tasks include programming interaction systems, event sequences, level design, lighting, audio implementation, particle systems, UI/UX, gameplay scenarios, optimization.
- Work to target multiple VR devices such as Oculus, Valve, HTC, Pico Neo, Windows MR. Using various SDKs and APIs.

### Lead XR Lab Specialist

January 2020 – Present, Bellevue College XR Lab, Bellevue, WA

- Supervise and mentor student employees/interns, provide training to XR Lab staff, BC faculty and students as required.
- Mentor multiple capstone teams in the creation of VR applications including Unity support, UI/UX design, player interactions, locomotion systems, and best practices.
- Promote/run XR Lab events, attend GameJams, host Unity coding workshops, and develop workshops and lesson plans in collaboration with faculty and senior XR Lab staff.
- Manage XR Lab equipment, including software installations, hardware/software troubleshooting, tracking, and distribution of equipment.
- Research and implement XR applications and devices to augment educational classrooms and provide equitable access to the educational environment through groundbreaking technology.

### Electric and Environmental Systems Specialist

October 2010 - January 2017, United States Air Force, USA

- Inspection and maintenance of all electrical and environmental systems and sub-systems of McGuire AFB C-17 aircraft, valued at \$2.6B.
- Performed phased & special inspections, removal, replacement, troubleshooting, and repair of aircraft systems.
- Utilize C-17 specific technical data and test equipment to ensure positive control, serviceability, and repair of installed system components.

## Education

### College/University

**Bellevue College, Bellevue, WA**

*Bachelor of Applied Science – Information Systems– Application Development*

January 2018 – June 2021

**Community college of the Air Force**

October 2010 - 2016

### Intermediate Japanese

**Kudan Institute of Japanese Language, Tokyo, Japan**

December 2007