

# Dragon's Path : Synthesizing User-Centered Flying Creature Animation Paths for Outdoor Augmented Reality Experiences



Minyoung Kim  
George Mason University

Rawan Alghofaili  
University of Dallas

Changyang Li  
George Mason University

Craig Yu  
George Mason University

SIGGRAPH 2024

## Introduction

For now...



Animation Path  
**Not** Considering User

What we want...



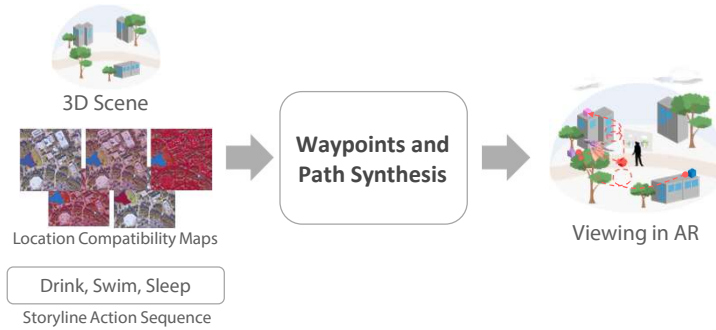
Animation Path  
**Considering** the User

What if we know...

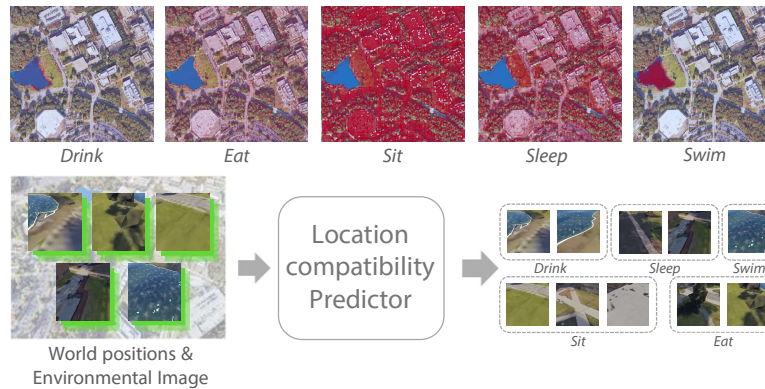


Most **Compatible** Place  
for a Sitting Dragon?

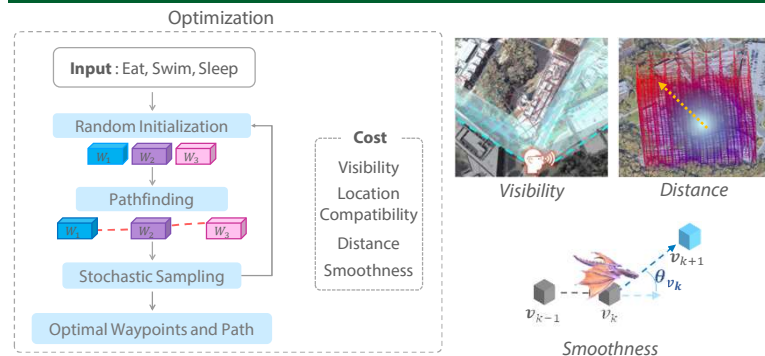
## Approach



## Location Compatibility Prediction



## Waypoints and Path Synthesis



## Results

### Generated Path According to Costs



### Real World Experiment Result

