

# NILES DORN

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## Contact Information:

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## LinkedIn:

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## Portfolio Website:

<https://ign1ka.github.io/>

## References:

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Founder and General Manager  
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## SKILLS

### Game

#### Development

- Unity
- Unreal
- C#
- C++
- VR & AR Experience

### Music &

#### Sound Design

- Ableton Live
- Audacity
- Recording, Studio & Field
- Mixing Experience

### Other

- Python
- HTML
- Unix CL
- Git & GitHub
- Google & Microsoft Office Suites

### Soft Skills

- Critical Thinking
- Creativity
- Organization
- Adaptability
- Problem Solving

## INDEPENDENT PROJECTS

### VR Orbit Visualization

Independently developed a VR application using Unity and C# to display and manipulate the orbits of asteroids and comets within our solar system.

### Dejarik

Developed a 2D, sprite-based board game with audio effects using Unity and C#.

### Independent Electronic Album

Composed, produced, mixed, and released an eleven-track electronic album using Ableton Live 11. Traveled to obtain field recordings.

## EXPERIENCE

### Head Music Librarian, Pomona College; Claremont, CA — 2022

Set up, organized, and maintained the Pomona College Music Library, including developing a material checkout and return system.

### Astronomical Observer, Pomona College; Claremont, CA — 2019-2022

Volunteered on a joint Pomona/NASA Jet Propulsion Laboratory remote observing project to image and track near-Earth objects.

### AR Software Development Intern, Post Reality; New York, NY — 2021

Worked with a small team to build Post Reality's flagship app in Unity from conception to release and provided in-depth quality assurance.

### Research Fellow, Pomona College; San Francisco, CA — 2020

Researched an astronomy-specific command language and wrote an in-depth guide for use by future students in the Astronomy Department.

## EDUCATION

### Pomona College, Claremont, CA

Major: Physics and Astronomy

Year of Graduation: December 2022