

EZEKIEL D'ASCOLI

SOFTWARE ENGINEER

zeke-d.github.io linkedin.com/in/ezekiel-dascoli-2023

EDUCATION

Northeastern University 2018–2023

Khoury College – *Magna Cum Laude, Dean's List*
BS in Computer Science – *Human Centered Computing*
Theatre, Interaction Design minors

WORK

Smartleaf Inc.

Software Developer
January 2024 – Present

Northeastern University Department of Theatre

Projections Designer
September 2023 – November 2023

Northeastern University

Theatrical Data Science Research Assistant
April 2023 – December 2023

Verve Motion

Software Engineering Co-Op
July 2022 – December 2022

Places For Less

Software Engineering Co-Op
January 2021 – August 2021

Smartleaf Inc.

Software Developer Co-Op
December 2019 – August 2020

HOBBIES

Acting, Rock-Climbing, Parkour, Taekwondo, Painting, Sketching, Shader programming, Hacking, Game Jams, Valorant

PROJECTS

Terrarium

- 1st Place for Best Use of the Looking Glass, Top 10 Overall Finalist @ MIT RealityHack 2022
- Physicalized emotions into a landscape for holographic display
- Unity, OpenCV, C#, python, HLSL
- Exhibited the project at AWE 2023

Condor

- Co-op Travel Planning application design
- Produced prototypes of varying fidelity (paper to code)
- Critically analyzed and iterated the design through a variety of Human Centered Interaction frameworks

OpenChial

- Renders a triangulated .obj file as a Chia pet!
- Model parsing and rendering engine from scratch
- Implemented paint brush interface to decorate models with animated grass using deferred rendering
- OpenGL, C++, GLSL, SDL2

Coveytown Battlegrounds

- Programmed a turn-based 2D networked game engine for a large-scale open-source social media platform
- Led project development, set deadlines and reqs.
- TypeScript, React, PhaserJS, HTML5 Canvas API

BeatBoxer

- A personal clone of a popular VR music-based game
- Feature parity-complete, this time Rocky style!
- Unity, C#, HLSL, OpenXR, Oculus Toolkit

Instagrart

- Tactical-media art installation investigating the impact social media can have on emotional vulnerability
- Visual clone of popular infinite-timeline social media
- Svelte, JS

[More on my website](#)