

Felipe E. Harker

EDUCATION

Hines College of Architecture and Design, University of Houston, Houston, TX — Bachelor of Architecture, 2024

Lone Star College - Kingwood (Early College Program), Houston, TX — Associate of Art, 2019

EXPERIENCE

DESIGNER, ARIA SIGNS & DESIGN; HOUSTON, TX — JUL. 2024 - PRESENT

- Led initiative to design architectural products and signage using parametric scripting and coding using Grasshopper
- Created design packages for a wide array of customer ranging from small businesses to large commercial developments
- Designed a variety of signs and architectural products including commercial building facades, illuminated storefront signage, interior wall signs, banners, pylon signs, and brand identities
- Created engineering, detail, and production packages for fabrication, permitting, and client reference
- Assisted in creating proposals, responding to client RFQs and RFIs, leading to dozens of new projects as well as client invoicing and coordinating delivery of completed products

STAFF PHOTOGRAPHER, MCGOVERN COLLEGE OF THE ARTS; HOUSTON, TX — OCT. 2021 - JUN. 2024

- Captured, edited, shared, and archived, tens of thousands of photos, videos, and audio recordings for a variety of university events: theatre, fine arts galleries and exhibitions, concerts, and recitals
- Coordinated with event organizers to schedule pre-event and live coverage, ensuring timely and effective capture of marketing assets and media
- Engaged with 12+ programs and clients to understand their needs and delivered high-quality visual content for use in print advertisement, emails, social media, websites, outdoor signage, banners, and posters
- Collaborated with organizers and artists behind-the-scenes to document rehearsals, studios, classrooms, lectures, and workshops
- Ensured efficient organization and accessibility to media assets by meticulously cataloging and archiving footage in 100+ albums for future reference and reuse

PROJECTS

ALEXANDRIA GRASSHOPPER PLUGIN

- Built a plugin for Rhino and Grasshopper which simplifies parametric design workflows for beginner users
- Created documentation such as user guides, FAQs, and support files, which are available on web
- Updated and maintained Alexandria plugin with new features, tools, and components to meet company needs

"POWER THE COMMUNITY" SUSTAINABLE DESIGN COMPETITION; UNIVERSITY OF HOUSTON, ARCH 5500 — SPRING 2024

- Worked on a team of 6 to design a community in Houston utilizing net-zero energy, water, and waste
- Led research in existing sustainable design and urban planning guidelines; proposed our own solutions
- Presented research, data, and proposals to architects, urban planners, and community members
- Individually designed sustainable multi-family housing and commercial mixed-use high-rise

SKILLS

- 2D and 3D design software: AutoCAD, Rhino, Grasshopper, Sketchup
- Visualization tools: Enscape, Unreal Engine, V-Ray, Midjourney
- Analysis tools: Climate Studio, Cove.tool, ArcGIS, Mapbox
- Post-production software: Adobe Illustrator, Photoshop, Lightroom, Indesign, Premiere, CorelDraw
- Fluent in Portuguese, English; Proficient in Spanish
- Verbal/visual communication, teamwork, critical thinking, solutions-oriented, out-going

REFERENCES

DR. BRUCE RACE, PHD, FAIA, FAICP

- Professor; Director, UHCeSAR; Principal, RACESTUDIO
- br@racestudio.com

DR. ANDREW DAVIS, PHD

- Professor; Dean, McGovern College of the Arts
- adavis@uh.edu

KAYLY SCOTT

Executive Director of Marketing and Communications, McGovern College of the Arts

- kmscott@central.uh.edu