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Work

OpenSpace

2023

Senior Product Designer Core Capture Team

openspace.ai 🗷

OpenSpace is a time machine for your construction site. We capture dense, as-built data while you work.

I lead design for the Capture team. We build the core platform of mobile & web apps, the meat of a user's OpenSpace experience.

**Projects** 

Sheets - Mobile / Web

Reimagined architectural drawing organization, iterated on how we layer reality capture data on top of them.

Core Capture - Mobile
Blank sheet redesign of our reality capture app. A richly interactive map of data, surfaced at the right time and

Hover

2016 - 2022

Senior Product Designer Applied Research Group

hover.to 7

Hover turns a few photos of your home into a detailed 3D model with accurate measurements.

I lead design for ARG, which iterates on the tech behind reality capture, 3D visualization, and automation.

I also introduced design systems at Hover.

AR Capture - Mobile

New reality capture app, using LIDAR & on-device CV to guide users towards good photos. 60% improvement in successful captures.

HoverCAD - Desktop Web

Human/automation paired web-app for model creation. Within 2 years we moved Hover's core product from loss-leader to profit center.

Design Studio - Tablet & Web

Expanded from an iOS MVP to a rich large format app. Refreshed UI & created custom iconography.

Education

Tradecraft

Portfolio School

**UNC** Charlotte

BSBA in Finance GE Advanced Materials Internship

**Elon University** 

Computer Science / Engineering

Experienced In

UX/UI/motion HCI & IxD patterns Information architecture & auditing System mapping with gherkin stories Workshops & design sprints
Prototyping in 2D & 3D User-testing (especially remote) Data visualization Basic FE architecture 3D modeling & archviz