

Adam G. Emerson

HCI Researcher in Brooklyn, NY | He/Him

[Website](#) • [Github](#) • [Dribbble](#)

About

An experienced web developer with a background in design and film production. Currently researching Human Computer Interaction with a focus on leveraging AI technologies to support, rather than displace, creative professionals.

Education

2020 – 2023	Bachelor of Science, Software Engineering <i>Magna Cum Laude</i> University of Texas at Arlington – Arlington, TX
2020 – 2022	Associate of Science, Engineering <i>High Honors</i> Tarrant County College – Fort Worth, TX
2020 – 2022	Associate of Arts <i>High Honors</i> Tarrant County College – Fort Worth, TX

Peer Reviewed Publications

2023	Bridgelt: Crossing the Knowledge Gaps Between Maker Communities of Practice Adam G. Emerson , Cesar Torres <i>ISAM '23 – Poster & Extended Abstract</i>
2023	Crucible: Graphical Test Cases for Alloy Models Adam G. Emerson , Allison Sullivan <i>ISSRE '23 – Full Paper</i>

Other Writing

2023 Bridgelt: Spanning Knowledge Gaps Among Maker Communities Using
Video Tutorial Transcripts
Adam G. Emerson, Shreyosi Endow, Cesar Torres
Planned submission for DIS '24

Presentations

2023 Crucible: Graphical Test Cases for Alloy Models
ISSRE '23 – Florence, Italy

Professional Experience

2023 Research Assistant - Human Computer Interaction
REU Site, Hybrid Design & Fabrication – Arlington, TX

2022 – 2023 Research Assistant - Software Testing
REU Individual Experience, SCOPE Lab – Arlington, TX

2020 – 2022 Full Stack Engineer
Planet Access – Dallas, TX

2019 – 2020 Producer
Yacht Club – New York, NY

2017 – 2019 Film Production
Freelance – New York, NY

2015 – 2016 Co-founder, Art Director
Sunstruck Magazine – Flagstaff, AZ

Projects

2023	Bridgelt - Link <i>Web Application – Typescript, React, Postgres</i>
2023	Crucible - Link <i>Desktop Application – Typescript, Electron, React, Java, Springboot</i>
2022	Auragraph.io - Link <i>Web Application – Spotify API, D3, React, Next.js</i>
2022	UniVerse - Link <i>Android Application – Java, Firebase</i>
2018	Sightstone - Link <i>Amazon Alexa Application – Python</i>

Volunteering

2023 - Present	IT Consultation and Software Support <i>East Texas Food Bank – Tyler, TX</i>
2022 – 2023	IT Consultation and Software Support <i>Midwest Food Bank – Fort Worth, TX</i>

Awards and Recognition

2023	Honor Roll - Spring '23 University of Texas @ Arlington
2021	Dean's List - Spring & Fall Tarrant County College
2021 - Present	Phi Theta Kappa Honor Society Member, Phi Tau Chapter