

ABOUT ME

I am a senior computer science student and master's candidate with an interest in networking and databases. I love working on projects involving cloud computing, and I fully look forward to furthering my career in developing microservices, APIs, and SaaS architecture.

PROJECTS

- **Designing Resilience Dividends: Energy and Housing Futures:** Live animation played across hundreds of devices for ASU KER's Designing Resilience Dividends event. Built on Unity and synced live across Android, iOS, and WebGL platforms.
- **Scavenger Hunt:** Gamified guided tour app made for Arizona State University. Built on Unity, user data storage and dynamic content served from Firebase cloud database.
- **EmergenTech 2020:** Decentralized vaccine distribution tracking network built on Ethereum smart contracts with NodeJS frontend.
- **SunHacks 2019:** Mobile app overlays socioeconomic status and natural disaster information on ArcGIS.

TECHNICAL KNOWLEDGE

- **Languages:** C/C#/C++, Java, Python, Bash, x86 Assembly, PostgreSQL, Rust, Javascript
- **Technology:** Unity Engine, Android SDK, ARFoundation for Unity, Firebase, Flask + Flask RESTful, WCF SOAP/REST API, AWS S3 + Lambda, Docker

WORK EXPERIENCE

- **Immersive Creation Studio @ ASU** Tempe, AZ
Creative Developer May 2021 - Current
 - Developed augmented and virtual reality experiences for education and industry clients.
 - Implemented concurrent multiplayer in Unity projects as part of the Cloud Infrastructure guild.
 - Designed FERPA compliant user data storage systems for university applications.
 - Created tutorial workshops on Firebase integration in Unity for upskilling coworkers.
- **Arizona State University Economics Department** Tempe, AZ
Office Assistant September 2019 - May 2020

EDUCATION

- **Arizona State University** Tempe, AZ
B.S., Computer Science (Cybersecurity) Aug. 2018 – est. May 2022
M.S., Computer Science August 2021 – est. May 2023
- **Relevant Courses:** Networking, Network Security, Computer Systems Security, Database Management, Software Analysis & Design

EXTRACURRICULAR ACTIVITIES

- **pwndevils/Shellphish** ASU/UCSB
ASU's CTF club, and joint ASU/UCSB parent team Shellphish. August 2020 - Present
- **Software Development Association** ASU
Speakers from industry give lectures on software development trends & practices. August 2018 - Present