

## ABOUT ME

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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

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- **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

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- **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

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- **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

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- **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

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- **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