DAVID REESE 234-257-9098 – Medina, OH – eseer.divad@gmail.com

**EDUCATION**

The University of Akron (UA) Akron, OH *Bachelor of Science in Computer Science – Management Focus*  Grad. December 2024

**LEADERSHIP & INVOLVEMENT**

* **UA NASA Robotics Design – Software Team** (September 2024 – PRESENT)
  + Contributing current C++ implementations for operator input to the competition bot with a PS4 controller.
  + Assisting peers with the installation and configuration of their Docker & VirtualBox dev environments.
* **Senior Capstone Project in CS:** 2D & 3D Unity (C#) floor-modeling interfaces built into Next.js (Spring ’24)
  + Delivered a 2D “floor-building” interface and an API-connected 3D “floor-rendering” interface working with one other developer.
  + Delivered a combination web app with React, .NET & Azure for demonstrations.
  + Designed the design layouts, backend architecture, and both SQL (Supabase) & NoSQL (S3) solutions.
* **Association of Computing Machinery (ACM) UA Student Chapter Officer** (August 2022 - May 2023)
* **SkyHack 2023 Competition, Prize Category Winner** for "Improving Air Travel Experiences" (November 2023)
* Collaborated w/ team of two developers to build a Human Resources app w/ Angular, Django, MSSQL (Fall ‘23)

**TECHNICAL SKILLS**

* Web Development Frameworks: Vue, React Native, React, Quasar, Bootstrap, Koa.js (backend), Django, .NET
* Databases: SQL Server, Azure SQL, MongoDB, Supabase, PostgreSQL
* Other Tools: GitHub Actions CI/CD, Ansible, Unity, Azure AI Search, Azure Functions, Azure AD/Entra ID
* Programming Languages: TypeScript, JavaScript, C#, C++, Python

**RELATED EXPERIENCE**

**Sr. Student Web Designer** Akron, OH

*The University of Akron, Buchtel College of Arts & Sciences September 2024 – PRESENT*

* Onboard, train, and advise student web designers for the Buchtel College.
* Consult with Director of Communications and UA staff on new designs that fall under BCAS @ [https://uakron.edu](https://uakron.edu/bcas)
* Design, implement, and continually improve webpage designs throughout ongoing department-wide projects.

**Software Engineer Intern** Cincinnati, OH

*Hive Networks Inc. May - August 2024*

* Completed user stories and bug fixes for the Hive software platform empowering Learning Health Networks.
* Worked with SQL queries, stored procedures, and views as well as serverless indexer code for Azure AI Search.
* Contributed TypeScript backend changes to work with user data across a microservices architecture.
* Implemented UI changes with Vue.js/Quasar components to address & deliver upon customer feedback.
* Contributed story point estimates, delivered demonstrations on completed stories to the company.

**Student Web Designer/Editor** Akron, OH

*The University of Akron, Buchtel College of Arts & Sciences September 2023 – May 2024*

* Designed and implemented page redesigns per staff requirements at the Buchtel College.
* Worked inside of dotCMS to deliver webpage or component redesigns with HTML/CSS & Bootstrap 4.
* Created ticketing system to work with Microsoft Forms & Power Automate for incoming page change requests.
* Delivered full redesigns for the college’s Sociology and Advising departments.

**Systems Administrator Intern** Akron, OH

*The University of Akron, The Department of Information Technology May 2023 - August 2023*

* Authored Ansible scripts to manage on-site HP infrastructure lifecycle tasks such as updating VMWare.
* Shadowed HPC administrator Sean Mitchuson on daily IT operations in the hybrid Azure environment.
* Managed operations for a cluster of on-site Windows servers running for the Ohio Cyber Range Institute program.

**Student Technical Support Analyst** Akron, OH

*The University of Akron, The Department of Information Technology September 2022 - September 2023*

* Performed troubleshooting and repair for UA-domain & personal devices, such as laptops and desktops.
* Gave support via phone and the ServiceDesk Plus ticketing system, while working with Azure AD/Entra ID.
* Developed a PowerShell script to find and remove devices with duplicate registrations to our Azure domain.