

AJ Hennessy

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Work Experience

Burns & McDonnell – Software Developer

Jan. 2022 - Current

- Increase efficiency of the engineers' workflows through web-based applications
- Applications built with Angular 14 on the frontend, Python/NodeJS on the backend, a database in SQL Server, and a Blob storage all hosted in Azure Services
- Responsible for creating a development, test, and production environment using Azure DevOps and Azure Services
- Built Azure DevOps repository environment along with CI/CD pipeline

US Air Force – Software Development on the Little Pig Robot

May 2020 - May 2021

- Built an autonomous navigation system for an ATV sized robot using C++ and ROS (Robot Operating System)
- Used
- Using simulations to test code and Git to manage version control between members of the development team

Keycentrix – Software Developer Intern

Sept. 2019 - Feb. 2020

- Designing and building development tools and unit tests for untested code in C#
- Using Git to work and coordinate with other members of the development team

National Institute of Aviation Research – Information Technology

June to Sept. 2019

- Installing and configuring computer hardware, software, systems, networks, printers
- Monitoring and maintaining computer systems and networks for security purposes

Education

Georgia Institute of Technology

Expected Dec. 2023

- M.S. in Computer Science, Specialization in Computing Systems
- GPA: 3.88
- Languages: C++, Java, Python
- Relevant Coursework: Graduate Algorithms, Knowledge Based Artificial Intelligence (AI), Game AI, Network Security, Software Arch. & Design, Software Analysis & Test

Wichita State University

May 2021

- B.S. in Computer Science, Cum Laude
- Minor: Mathematics
- Languages: C++, Python, Haskell

Skills

- Proficient: Python, C++, SQL, Angular (Typescript), HTML/CSS, Git, Azure, Azure DevOps, Docker,
 - Familiar: C#, Java, NoSQL, React, NodeJS, Go, Linux, CI/CD, Haskell
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References Available Upon Request