

# Cooper Brown

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## Qualifications Summary

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Self-motivated and highly reliable Drake University student positioned to contribute with an exemplary work ethic and can-do attitude. Highly dependable and enjoys working with people. Extremely passionate about programming and technology both in and out of academic settings.

## Technical Skills

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**Programming skills** — Extremely knowledgeable in Python, JavaScript, Typescript and Rust. With experience in MIPS assembly, Java, React, Next, and SQL. Has completed core computer science coursework adeptly utilizing and understanding data structures, and algorithms.

**Cloud Computing** — Experience with AWS ( EC2, RDS ) Oracle Linux and Debian Based Linux, and Kubernetes

**AI** — Has Experience developing generative AI such as Natural Language Processing and image generation models. Experience with scikit-learn, Keras and pyTorch.

**Git** — Experience working and leading teams of people using git CI/CD pipelines.

**Deployment** — Extensive knowledge of Deploying software from working professionally with Docker, Jenkins, and Ansible.

## Major Projects

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**RustyScience** — A rust machine learning framework built to be easy to use for users coming from python's scikit-learn.  
: [Github Link](#)

**Articulate-Visions** — An educational website dedicated to visualizing how image generation with diffusion models work. Used a custom trained image generator and has a frontend built in Next.js: <https://www.articulatevisions.net/>

**MIPS Emulator** — A functioning MIPS interpreter written in python, utilizes pytest to preform Unit tests and integration tests: [Gitlab Link](#)

## Soft Skills

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**Leadership** — Highly calm in stressful situations and able to lead people to accomplish a task successfully.

**Problem-solving** — Able to assess and complete complex and challenging problems in a timely manner

**Communication** — Able to communicate highly complex subjects in a concise way.

## Positions

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**ADB Global** — Software Engineering Intern 2023 — 2025

Worked With the vuTyme team in Urbandale, Iowa. Worked on the development of tests and essential tools to streamline development. Also worked on scripts used to deploy and update servers used by 1000's of hotels. Used essential tools such as Git, Docker, Jenkins and Kubernetes.

**Youth Tech Inc.** — Lead Instructor 2023 — 2023

Was the lead of summer camps at the Des Moines Area Community College. Teaching a wide variety of topics, including programming and website Design.

## Education

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**B.S. / B.A.** in Computer Science and Artificial Intelligence – Drake University 2021 — 2025

Double major in Computer Science and Artificial Intelligence, with a minor in LEAD (Leadership Education and Development) with a 3.60 GPA, Three times Deans list recipient, Two times presidents list recipient.