

## Cole Stuedeman

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### Education

#### Iowa State University

*Bachelor of Science*

Major in Software Engineering

Coursework: Android Development, Website Development, Cloud Computing, Operating Systems, Database Management

Ames, IA

May 2025

### Experience

#### Revolve Labs

##### Service Technician

Glencoe, MN

July 2025 – Present

- Diagnose and perform maintenance on Bitcoin mining rigs to restore non-hashing units to optimal performance
- Replace and configure critical components, including PSUs, control boards, and cooling systems
- Document repairs, performance data, and inventory updates in Google Sheets for accurate tracking and reporting
- Consolidate and optimize miners to improve efficiency and reduce downtime

#### 3M Hutchinson MN

##### Production Operator

Hutchinson, MN

May 2025 – June 2025

- Identified and addressed systems-level faults in production equipment, ensuring operational continuity and product consistency
- Operated and monitored machinery, following strict OSHA standards working within structured systems and adhering to detailed specifications
- Safely operated forklifts and managed inventory flows and the ability to work in fast-paced environments

### Projects

#### Workout Application - Android Studio

- Designed and developed a mobile workout app using Android Studio and Java
- Implemented UI components and integrated backend functionality through RESTful API calls and JSON data
- Led front-end development, ensuring seamless user experience and responsive design
- Participated in weekly SCRUM meetings to plan sprints, review progress, and coordinate team deliverables for iterative development

#### Distributing a Fleet of Drones over an Area with No-Fly Zones - Senior Design Project

- Developed a web-based application to coordinate drone fleet operations while dynamically accounting for geographic no-fly zones
- Focused on backend testing and validation of partitioning and pathfinding algorithms using Django and Python
- Collaborated in biweekly client meetings to present progress, gather feedback, and align technical solutions with real-world constraints and use cases

### Leadership & Activities

#### Plato Fire Department

July 2025 – Present

- Respond to fire calls, medical calls, and other emergency incidents as a first responder
- Participate in ongoing training and drills to maintain readiness and improve emergency response skills
- Currently enrolled in Fire Academy to complete professional certification to become a firefighter

#### Delta Sigma Phi Fraternity - Beta Alpha

##### Sergeant-at-Arms

January 2023 – January 2024

- Enforced house rules and bylaws to maintain order and uphold organizational standards
- Served as Head of Risk Management, overseeing event safety, addressing incidents, and ensuring compliance with university policies

### Technical Skills

**Languages & Frameworks:** C, C#, Java (OOP), Python, JavaScript, React, NodeJS, HTML

**Tools & Platforms:** Git, IntelliJ, Eclipse, Android Studio, Visual Studio Code, Excel

**Operating Systems:** Linux (Ubuntu, Fedora), Windows, Android

**Databases & Cloud:** MongoDB, MySQL, Amazon Web Services, Google Cloud Platform