

COLE HARRIS

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EDUCATION

Bachelor of Science — Computer Science

Colorado State University, Fort Collins, CO

Graduated: December 2023

Major GPA: 3.85 / 4.0

Bachelor of Science — Chemical and Biological Engineering

Colorado State University, Fort Collins, CO

Graduated: May 2020

GPA: 3.67 / 4.0

TECHNICAL SKILLS

- **Languages:** Python, Java, Javascript, C++, Golang
- **Web Technologies:** React.js, HTML, CSS, Bootstrap, JSON, RESTful API, Swagger UI, Webpack
- **Tools & Software:** Git, GitHub, Docker, Jira, Bitbucket, IntelliJ, Visual Studio, Artifactory, Postman,
- **Database:** MySQL, MongoDB
- **Frameworks:** Spring, Django, FastAPI
- **Operating Systems:** Linux, Microsoft
- **Cloud:** AWS (IAM, EC2, S3, Lambda, API Gateway, Cloudfront, Route 53)

WORK EXPERIENCE

Software Test Engineer Intern – Visa

May 2023 – August 2023

Highlands Ranch, CO

- Enhanced an in-house Software Test Automation tool leveraging java and full-stack software development technologies while following the Agile project methodology.
- Successfully implemented a key feature to push test execution data to MongoDB.
- Designed and developed a backend RESTful API interface that serves JSON responses using Spring, enabling efficient retrieval and management of software test execution.
- Crafted a front-end application utilizing React to visualize and present software test execution data.
- **Skills Obtained:** Java, JavaScript, Swagger UI, Maven, Full-Stack Development, Spring Framework, React.js, Git, Jira, Bitbucket, Cascading Style Sheets (CSS), HTML5, Artifactory, MongoDB, NoSQL databases, RESTful APIs, Velocity Templates, Agile Methodologies, JSON

Controls Engineer – Huffman Engineering Inc.

October 2020 – May 2022

Englewood, CO

- Designed ~50% of the process controls software for a new ~\$200 million animal vaccine production facility (\$3+ million process controls project budget).
- Successfully provided onsite troubleshooting of Control systems issues which included PLC code inspection and Control system networking.
- Collaborated with a cross-functional team of the client, internal professional engineers, junior engineers, and shop technicians to build a best practices control system that provided a solution to the client's needs.
- Developed Control system tests and then performed tests onsite to commission control system for clients.
- Received client feedback on having excellent technical writing and communication skills on complex topics for software specification and testing documentation.