

QUINN COLEMAN

quinnclmn15@gmail.com | (303) 775-5580 | github.com/QColeman97 | linkedin.com/in/quinn-coleman

A detail-oriented software engineer with a passion for continuous learning. I am looking to join an innovative company and use my broad technical knowledge in computer programming, especially in Python, to create quality software solutions.

SKILLS SUMMARY

- Proficient in Python
- Knowledge of other programming languages like JavaScript, Java, C, C++
- Familiar with quality assurance practice and automated testing, including defect triage

EDUCATION

California Polytechnic State University, San Luis Obispo (Cal Poly)

Master of Science Degree in Computer Science, GPA: 3.8/4.0 Mar. 2021

Bachelor of Science Degree in Computer Science, GPA: 3.5/4.0 Mar. 2020

- Master's Thesis: "Machine Learning Approaches to Historic Music Restoration"
 - Designed and iterated on machine learning techniques in Python as an excellent communicator to my advisor

RELEVANT COURSEWORK

Software Engineering, Design & Analysis of Algorithms, Data Structures, Distributed Systems, Project-Based Object-Oriented Programming and Design, Introduction to Database Systems, Introduction to Data Science, Knowledge Discovery from Data, Deep Learning Neural Networks, Artificial Intelligence, Mobile Application Development, Public Speaking

WORK EXPERIENCE

MTS Software Engineer 2, NetApp — Boulder, CO Nov. 2021 - Jan. 2023

- Designed, developed and maintained test automation scripts and framework in Python; unit-tested with mock utilities
- Utilized Kubernetes and Docker to automate installation and removal of products and environments for testing
- Prototyped Jenkins job using Python, BeautifulSoup, Perforce, and the Jira API to automate Jira ticket state transitions
- Improved process efficiency by writing a defect filing template in Confluence, benefitting 300+ coworkers

Software Quality Assurance Intern, Josh.ai — Denver, CO Summer 2019

- Conducted comprehensive manual testing of the product, meticulously documenting and reporting bugs in Jira
- Collaborated with the product manager to define acceptance criteria and correct scope to enhance the master test plan
- Built a web dashboard in JavaScript for all employees; queried from a PostgreSQL DB and gathered requirements
- Supported business development by web scraping over 3,000 potential clients' contacts with Python and shell scripts

Mobile Developer Intern, Stryd — Boulder, CO Summer 2017

- Contributed to iOS development, involving user interface design and networking with Swift in Xcode
- Debugged by investigating iOS crash logs and user reports

PROGRAMMING PROJECT

Azure Platform Provisioner for Cloud Development, Personal Project Dec. 2023

- Utilized Terraform to provision a virtual machine configured with Docker in a Microsoft Azure platform tenant
- Virtualized a development environment by providing access to the virtual machine terminal from Visual Studio

LEADERSHIP & CAMPUS INVOLVEMENT

Teaching Assistant, Cal Poly, Probability and Random Processes for Engineers Mar. - Jun. 2021

- Conducted oral exams and graded assignments, continuously applying statistical knowledge

KNOWLEDGE AREAS

Python, UNIX shell, Java, C, C++, Go, Rust, JavaScript, Typescript, HTML, Swift, Kotlin, iOS, Android, Vim, Visual Studio, Pytest, Selenium, Git, Perforce, GitHub, Linux, Agile, Jira, Confluence, Jenkins, Docker, Kubernetes, Azure, Terraform, SQL, PySpark, Hadoop, MongoDB, REST API, Pandas, NumPy, Tensorflow, AI, Excel, JSON, Software Test Automation, Software Development