

Shashank Perreddigari

Full-Stack/Machine Learning Developer

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SUMMARY

Excellent problem solver and strong communicator, eager to continue demonstrating my abilities in a fast-paced environment. Highly motivated to take on challenging projects and deliver impactful results.

EDUCATION

Rutgers University, Bachelors, Computer Science 09/2019 – 05/2023
- **Coursework:** Data Science, Computer Architecture, Computer Vision, Data Structures, Internet Technology, Systems Programming, Data Management, Discrete Mathematics, Artificial Intelligence, Intro to Deep Learning, Algorithms
- **Languages:** Python, Java, JavaScript, C/C++, MySQL, HTML/CSS, Linux Systems, Gherkin
- **Tools:** Visual Studio, TensorFlow, PyTorch, Selenium, Flask, Angular, AWS, Azure OpenAI Studio, Git, Microsoft Suite, Bitbucket/SourceTree, Sublime, Figma, Cucumber, TestNG, GitHub CoPilot X, Nvidia Developer Platform, TestRail, Azure Databricks, Dataiku, Google Colaboratory Studio

PROFESSIONAL EXPERIENCE

Sephora, Quality Automation Engineer 09/2023 – present | San Francisco, CA
- Engineered a fine-tuned large language model (LLM) on Azure Databricks for in-house code generation and codebase extension, leveraging a popular open-source framework.
- Conducted R&D on the applications & benefits of generative artificial intelligence solutions for code generation.
- Designed and engineered a Dataiku solution to automate daily document retrieval from TestRail, Jira, GitHub, Confluence and SharePoint, enabling AI to use these documents for user interactions.

Sephora, IT Automation Engineer/Intern 06/2023 – 09/2023 | San Francisco, CA
- Developed and deployed specialized internal AI tools to automate software testing, boosting efficiency, accelerating time-to-market, and enhancing product quality.
- Partnered with LVMH's AI R&D team to design and build a cutting-edge machine learning model for generating novel chemical compounds to apply in LVMH fragrances.

Flits.ai, Test Automation Developer/Intern 🔗 06/2022 – 12/2022 | Ellington, CT
- Designed & implemented a neural network for web element image detection, trained for AI automation testing.
- Authored programmer's guide for future interns and documented common errors with troubleshooting instructions.
- Worked on Flits's testing library by writing Selenium automated scripts in Python, deployed to customer test suite.
- Worked closely with the design team to deliver an on-brand UI/UX & a secure backend for TCO calculator website.

PROJECTS

TCO Calculator Website (tco.flits.ai)
- Launched a total-cost of ownership calculator for Oracle ERP executives using Python/Flask, JavaScript & HTML/CSS.
- Led critical discussions and implemented security features to ensure site functionality & reliability.
- Managed live production issues by analyzing root causes and applying effective debugging skills.

Sports Image Linear Classifier
- Created a convolutional neural network to make image classifications based on the basis of sport.
- Achieved a success rate of 97% after making continuous changes to network architecture.

CERTIFICATES

Entry-Level Python Programmer (PCEP)
Python Institute
Credential ID: QFsG.TEVg.rPf8

Microsoft Certified: Azure Fundamentals
Microsoft
Credential ID: 6E9FDC7A26BE3F89

LLMs Mastery: Complete Guide to Transformers & Generative AI
Udemy
Credential ID: UC-c255418c-9185-4cd7-aaco-b7c15c68533e