



GeminiHire

Job Applications Simplified
with GenAI

Meet The Team/Individual



Bassim Eledath

ML Engineer Intern

@Square

A grad student looking for full time
job opportunities!

Job Application Process Now

Start Your Application

Machine Learning Engineer - AI Research

Use My Last Application

Autofill with Resume

Apply Manually

Click this



Job Application Process Now - A Disaster

Work History (Optional) 2

 Delete

Job Title *

Senior Data Science Consultant

Company *

Location

I currently work here

From *

To *

MM/YYYY 

MM/YYYY 

Role Description

Andela New York, Remote

- Led the churn prediction initiative, developed and productionized a model surpassing baseline with 65% ROC-AUC.

Missing key details!



Job Application Process Now - A Disaster

Work History (Optional) 5

Job Title*

Data Science Instructor

Company*

Location

I currently work here

From*

MM/YYYY 

To*

MM/YYYY 

Role Description

Missing many details!



Job Application Process Now - A Disaster

Education (Optional) 2

 Delete

School or University*

Duke University

Degree*

BS

Field of Study

× Statistics

?

From

2016

To (Actual or Expected)

2016



The Problem: Resumes Are Unstructured Data

ISOLDE MERCER

Software QA Engineer

✉ I.mercer@email.com
📞 (123) 456-7890
📍 New York, NY
🌐 [LinkedIn](#)

EDUCATION

Bachelor of Science
Software Engineering
Rochester Institute of Technology
📅 2010 - 2014
📍 Rochester, NY

SKILLS

- TestRail
- Selenium
- Bugzilla
- TestLink
- Jenkins
- Apache JMeter
- SQL Server Management Studio
- BrowserStack
- Firebase Test Lab
- Jenkins

WORK EXPERIENCE

Software QA Engineer

DigitalOcean
📅 2019 - current 📍 New York, NY

- Carried out performance testing for 13 high-traffic applications, finding and resolving current bottlenecks, and improving load times by 9 minutes.
- Implemented multiple QA strategies using TestRail, reducing **bug leakage by 11%**.
- Led weekly regression tests, spotting 86% of critical bugs before production deployment.
- Executed load testing scenarios for DigitalOcean's main website on Apache JMeter, supporting 11,458 simultaneous users without any drop in performance.

Associate QA Engineer

Peloton
📅 2016 - 2019 📍 New York, NY

- Automated testing procedures using Selenium, reducing manual testing time by 16 minutes and increasing test coverage by almost 29%.
- Conducted mobile testing on Firebase Test Lab, achieving a 97% success rate in discovering and fixing device-specific issues within deadlines.
- Assisted in the successful launch of 3 major fitness equipment products for Peloton, meeting all quality benchmarks and regulations.
- **Ensured 94% data accuracy** in test environments with extensive SQL queries for data validation.

Junior Software Tester

Etsy
📅 2014 - 2016 📍 Brooklyn, NY

- Used Bugzilla to **identify and report 204 bugs** on Etsy's official website, contributing to a 21% improvement in resolving monthly bug issues.
- Integrated Jenkins for continuous integration, decreasing deployment times for new features by 2 days.
- Managed test plans on TestLink for 17 projects, ensuring detailed documentation and tracking process.
- Practiced cross-browser testing on BrowserStack for Etsy's 4 new landing pages, ensuring compatibility and a high-quality UX across various platforms.

LYSANDRA VEGA

Software Engineer

✉ lysandrav@email.com 📞 (123) 456-7890 📍 Indianapolis, IN
🌐 [LinkedIn](#)

CAREER OBJECTIVE

New computer engineering graduate with strong problem-solving skills and a commitment to excellence, seeking a software engineer role at Salesforce. Excited to use my skill in Git and Python to support Salesforce's vision of helping companies connect with their customers in fresh ways.

EDUCATION

B.S.
Computer Engineering
Purdue University
📅 September 2019 - April 2023
📍 West Lafayette, IN

SKILLS

- Visual Studio Code
- Git
- MySQL
- Django
- Heroku
- macOS
- Python

CERTIFICATIONS

- Certified Software Development Professional (CSDP)

WORK EXPERIENCE

Software Engineer Intern

Infosys
📅 January 2022 - March 2023 📍 Indianapolis, IN

- Used Visual Studio Code for effective code editing and debugging, **increasing code quality by 18%**.
- Integrated third-party APIs with Python to enhance app functionality and increase user satisfaction by 24%.
- Improved database performance by optimizing MySQL queries, boosting query response times by 11%.
- Streamlined the continuous integration and deployment (CI/CD) pipeline, reducing build times by 27%.
- **Ensured** conflicts by 13% using Git for version control and collaboration.

PROJECTS

Academic Simulation Project

Group Leader
📅 2019 - current

- Developed backup and recovery strategies for macOS, **increasing data recovery speeds by 17%**.
- Implemented efficient MySQL database schemas and decreased data redundancy by 28%.
- Employed Django ORM to manage database interactions, streamlining and reducing development time by 19%.
- Collaborated with a team of 4 to ensure timely project delivery while adhering to best practices.

Bassim Eledath

Education

Master of Science in Data Science July 2023 – June 2024
University of San Francisco
Bachelor of Science, Statistics Aug 2016 – Aug 2020
Duke University

Professional Experience

Machine Learning Engineer (Graduate internship)

Square Inc Oct 2023 – Present
San Francisco, Remote

- Working on building uplift causal inference models end to end to improve Direct Mail targeting.

Senior Data Science Consultant

Andela March 2022 – Feb 2023
New York, Remote

- Led the churn prediction initiative, developed and productionized a model surpassing baseline with 65% ROC-AUC.
- Created "The Experimentation Blueprint", a thorough guide used by all teams to design A/B tests at Andela.
- Conducted biweekly mentorship for junior data science teams on contractor price and job-talent prediction projects.
- Founded and led the data science team book club specializing in MLOps.

Statistician

NoviSci June 2020 – Oct 2022
Durham, NC

- Co-authored **causalRisk** R package for causal inference, adopted by firms like Janssen and Amgen for observational studies.
- Ideated and co-developed Jira Quick Picture, a web app that reduced work log time by 75%.
- Developed SanCheck R package for efficient automated sanity checking on large datasets.
- Headed company book club on machine learning in healthcare.

Freelance Data Science Consultant

Upwork May 2020 – Jan 2022
Remote

- Awarded Top 10% Data Scientist status on Upwork; collaborated with 9 companies. Link to all [testimonials](#).
- Enhanced a multichain optometrist clinic's no-show prediction model, achieving >50% accuracy improvement.
- Automated a crop yield visualization workflow in Python for an agro-chemical firm, reducing weekly hours spent by 90%.
- Developed a 75% accurate submission prediction model for a global entertainment company's script writing competition.

Data Science Instructor

Coursera Nov 2020 – Feb 2021
Remote

- Sole instructor and content creator for the course "Exploratory Data Analysis With Python and Pandas." - [Link](#).
- Course has a 4.5/5 rating and has been completed by 12,000+ learners.

Applied Machine Learning Intensive

Google June 2019 – Aug 2019
Atlanta, GA

- Selected as one of 18 participants from 600+ applicants for Google's fully funded 10-week machine learning [program](#).

The Solution: GeminiHire

LYSANDRA VEGA
Software Engineer
lysandrav@gmail.com | (23) 456-7890 | Indianapolis, IN

CAREER OBJECTIVE
New computer engineering graduate with strong problem-solving skills and a commitment to excellence, seeking a software engineer role at Salesforce. Excited to use my skill in Git and Python to support Salesforce's vision of helping companies connect with their customers in fresh ways.

WORK EXPERIENCE
Software Engineer Intern
Infosys | January 2022 - March 2023 | Indianapolis, IN

- Used Visual Studio Code for effective code editing and debugging, **increasing code quality by 30%**.
- Integrated third-party APIs with Python to enhance app functionality and increase user satisfaction by 24%.
- Improved database performance by optimizing MySQL queries, boosting query response times by 15%.
- Streamlined the continuous integration and deployment (CI/CD) pipeline, reducing build times by 22%.
- Cut merge conflicts by 13% using Git for version control and collaboration.

PROJECTS
Academic Simulation Project
Group Leader | 2019 - current

- Developed backup and recovery strategies for macOS, **increasing data recovery speeds by 17%**.
- Implemented efficient MySQL database schemas and decreased data redundancy by 28%.
- Employed Django ORM to manage database interactions, streamlining and reducing development time by 18%.
- Collaborated with a team of 4 to ensure timely project delivery while adhering to best practices.

EDUCATION
B.S.
Computer Engineering
Purdue University
September 2019 - April 2023
West Lafayette, IN

SKILLS

- Visual Studio Code
- Git
- MySQL
- Django
- Heroku
- macOS
- Python

CERTIFICATIONS

- Certified Software Development Professional (CSDP)



JSON

```
{  
  "Education": [  
    {  
      "Institution": "University of San Francisco",  
      "Degree": "Master of Science",  
      "Field of Study": "Data Science, Statistics",  
      "Start Date": "July 2023",  
      "End Date": "June 2024"  
    },  
    {  
      "Institution": "Duke University",  
      "Degree": "Bachelor of Science",  
      ...  
    }  
  ]  
}
```



- ✓ Personalized cover letter
- ✓ Personalized interview questions
- ✓ Skill Gap Analysis



Resume Bank

The Solution: GeminiHire

Process PDF JSON Output Interview Questions Cover Letter Skill Gap Analysis

PDF Processing and Job Description

pdf_content

Drop File Here
- or -
Click to Upload

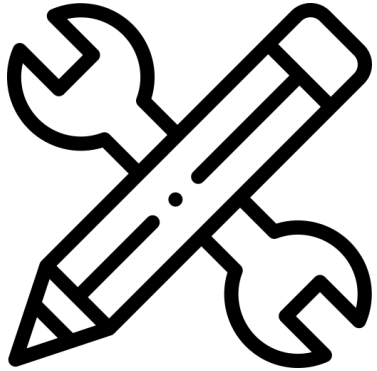
output

Job Description

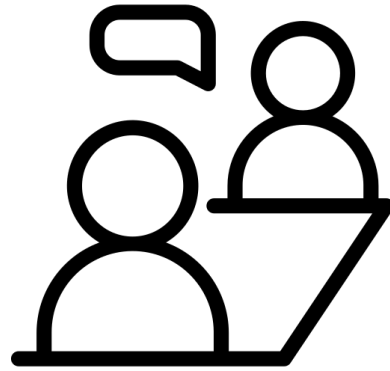
Clear Submit

<https://huggingface.co/spaces/beledath/GeminiHire>

3 TruLens Custom Feedback Functions



`evaluate_skill_gap()`



`evaluate_interviews()`



`evaluate_cover_letter()`

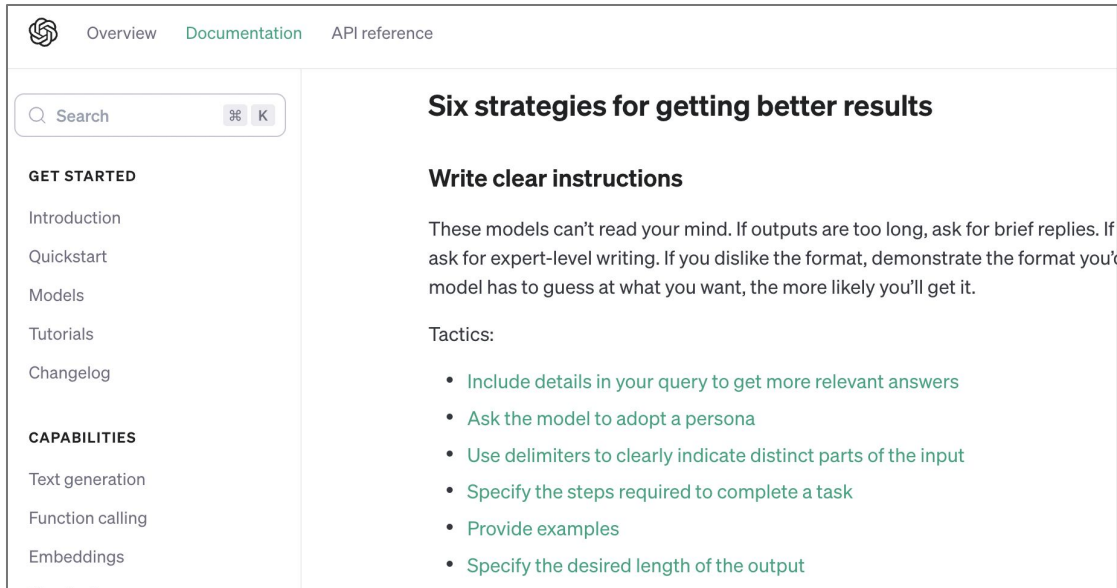
Using TruLens to Improve GeminiHire

Average Score Metric	Before	After	
score_interview_questions	8.28000	9.00000	8.7% ↑
score_cover_letter	8.24000	8.37037	1.6% ↑
score_skill_gap_analysis	7.61538	8.61538	13.1% ↑

View detailed before and after results:

<https://docs.google.com/spreadsheets/d/1Gd4EiL0Jfz46r0bg4fBepYt2ZFR19Z-ZKVGsQMJ6JdE/edit?usp=sharing>

Clever Prompt Engineering



- ✓ Adopt a persona:
 - experienced interviewer
 - expert cover letter writer
 - career coach
- ✓ Careful use of delimiters
- ✓ Provide examples:
 - cover letter template
 - skills gap template
- ✓ Precise details:
 - word limit for cover letters
 - nature of interview questions; behavioral and technical

In Conclusion

Job applications **should not be** as **hard** and **time-consuming** as they are today.

GeminiHire can, as demonstrated, make the process *way easier* using generative AI