

Portfolio Grading Rubric

Total: /40	Student Name: Kaung Mon Thant		Student Number: 202212219	
Score Gradient	Task fulfillment	Organization and cohesion	Grammar	Vocabulary
10	Wide range of ideas, all relevant to the task. Content points fully developed.	Information and ideas organized effectively and appropriately for the task. Range of cohesive devices used to indicate the links between ideas.	Range of simple and more complex grammar constructions used accurately. Some minor errors but do not impede understanding.	Range of vocabulary used to fulfil the task. Some slightly awkward usage and/or errors, but this does not impede understanding.
9	<i>Between bands</i>	<i>Between bands</i>	<i>Between bands</i>	<i>Between bands</i>
8	Ideas are relevant to the task, with development of content.	Information and ideas organized clearly and generally appropriately for the task. Various cohesive devices employed.	Simple constructions and some complex grammar constructions used accurately. Errors do not lead to misunderstanding.	Sufficient range of vocabulary used to meet the task, inappropriate usage or errors do not lead to misunderstanding.
7	<i>Between bands</i>	<i>Between bands</i>	<i>Between bands</i>	<i>Between bands</i>
6	Partially addresses the task with some development of content.	Information and ideas with some organization, but may lack overall clarity. Organization occasionally inappropriate for the task. Limited cohesive devices employed.	Control of simple grammar constructions, some attempts at complex grammar structures which do not lead to misunderstanding.	Sufficient vocabulary used repetitively to meet the task, inappropriate usage or errors do not lead to misunderstanding.
5	<i>Between bands</i>	<i>Between bands</i>	<i>Between bands</i>	<i>Between bands</i>
4	Task attempted with few relevant ideas. Content not developed.	Information and ideas not organized coherently, or appropriately. Rare or incorrect use of cohesive devices.	Control of simple grammatical structures to address the task. Errors occasionally impede understanding.	Limited vocabulary makes it difficult to fulfill the task; errors occasionally impede understanding in parts of the text.
3	<i>Between bands</i>	<i>Between bands</i>	<i>Between bands</i>	<i>Between bands</i>
2	Ideas and content not relevant to the task.	Confusing information and ideas, no attempt at cohesion.	Inadequate range of structures to address the task. Errors impede understanding.	Limitations in vocabulary and errors consistently obscure communication.

0	Did not attend	Did not attend	Did not attend	Did not attend
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1. **Career Choic Essay**

Among the three career paths under consideration, AI Engineer, Fine Dining Restaurant Owner, and Stock Trader, the role of AI Engineer is the most compelling choice. This decision is rooted in a deep interest in technology, the transformative potential of artificial intelligence, and the field's exceptional career opportunities. AI Engineers create intelligent systems that address complex challenges in sectors such as healthcare, finance, and transportation, aligning with my aspiration to contribute meaningfully to society. The average annual salary for AI Engineers in the United States is approximately \$115,000, with top professionals at companies such as NVIDIA earning up to \$1.3 million, underscoring significant financial rewards. Furthermore, the projected job growth of 26% from 2023 to 2033, far exceeding the national average, ensures long-term stability and advancement potential.

To attain this career, I am going to follow a deliberate and structured pathway. Initially, I shall pursue a bachelor's degree in computer science, emphasizing coursework in machine learning, data science, and programming languages such as Python. To acquire practical experience, I intend to secure internships at technology firms or AI-focused startups, developing skills in model design and deployment. Subsequently, I plan to obtain a master's degree or specialized certifications, such as those offered by Coursera or DeepLearning.AI, to enhance expertise and competitiveness. Engaging with professional networks through AI conferences and LinkedIn will facilitate connections with industry leaders. Ultimately, I aim to secure a position at a leading organization, such as Google or Microsoft, beginning as a junior engineer and progressing to senior roles. This strategic approach, combining education, experience, and networking, will position me for success in this dynamic and impactful field.

AI Engineer Career Report

Job Title: AI Engineer

Duties: AI Engineers are responsible for designing, developing, and implementing artificial intelligence systems, including machine learning models and natural language processing applications. Their tasks encompass collecting and preprocessing datasets, training algorithms, deploying models in production, and collaborating with data scientists and software engineers to

integrate AI solutions. They also optimize systems for performance and scalability to meet organizational objectives.

Salary Information: In the United States, AI Engineers earn an average annual salary of approximately \$115,000. Entry-level positions typically start at \$90,000, while senior roles at leading firms such as Google or OpenAI may command salaries ranging from \$500,000 to \$1.3 million, including bonuses and equity. Salaries are notably higher in technology hubs such as San Francisco, where the average is \$137,000.

Job Growth Potential: The artificial intelligence sector is projected to experience a 26% growth rate from 2023 to 2033, significantly surpassing the national average of 4%. This expansion is fueled by AI's increasing adoption across industries, with the global AI market anticipated to reach \$827 billion by 2030.

Work Conditions: AI Engineers typically operate in office environments or remotely, utilizing advanced computing resources. The role demands collaboration with interdisciplinary teams, necessitating effective communication. Standard work hours are common, though project deadlines may require additional time. The intellectually stimulating environment fosters continuous professional development.

Possible Work Locations: Preferred locations include technology centers such as San Francisco, California; Seattle, Washington; and New York, New York, due to high compensation and abundant opportunities. Internationally, Toronto, Canada, and London, United Kingdom, offer robust AI ecosystems. Remote work is also feasible, given the digital nature of the profession.

Reference:

Coursera - AI Engineer Salary Guide 2025:

<https://www.coursera.org/articles/ai-engineer-salary>

Provides salary data, job growth projections (26% from 2023–2033), and industry insights for AI Engineers.

Levels.fyi - Google Salaries:

<https://www.levels.fyi/companies/google/salaries>

Offers detailed salary ranges for AI Engineers at top tech companies, including high-end compensation figures.

Fine Dining Restaurant Owner Career Report

Job Title: Fine Dining Restaurant Owner

Duties: Fine Dining Restaurant Owners oversee the operations of upscale dining establishments. Responsibilities include developing menus, hiring and training staff, managing finances, ensuring compliance with health regulations, and promoting the restaurant to attract patrons. They collaborate with chefs to maintain a distinctive culinary identity and deliver exceptional customer experiences.

Salary Information: Earnings for restaurant owners vary significantly based on location and business success. On average, fine dining restaurant owners earn between \$70,000 and \$100,000 annually. In major cities such as New York or Los Angeles, successful owners may earn \$150,000 or more, though financial losses are possible if the venture underperforms.

Job Growth Potential: The restaurant industry is projected to grow at a modest 2% from 2023 to 2033, below the national average. Fine dining faces challenges such as high costs and evolving consumer preferences, but establishments offering unique experiences in affluent markets maintain strong potential for success.

Work Conditions: Owners work extended and irregular hours, including evenings and weekends, in a high-pressure, fast-paced environment. The role combines administrative tasks, such as budgeting, with on-site oversight of service quality. Physical endurance and stress management are essential due to demanding schedules and customer expectations.

Possible Work Locations: Optimal locations include metropolitan areas with wealthy demographics, such as New York, New York; Los Angeles, California; and Chicago, Illinois. Internationally, Paris, France, and Tokyo, Japan, are renowned for fine dining. Smaller upscale markets, such as Aspen, Colorado, also present opportunities.

Reference: Information derived from industry analyses and AI-generated insights.

Stock Trader Career Report

Job Title: Stock Trader

Duties: Stock Traders purchase and sell securities, including stocks and bonds, to generate profits for clients or their firms. They analyze market trends, economic indicators, and corporate performance to inform trading strategies. Responsibilities include executing trades, managing investment portfolios, monitoring financial markets, and providing client advice. Traders may focus on day trading, swing trading, or long-term investments.

Salary Information: The average annual salary for stock traders in the United States ranges from \$65,000 to \$100,000. High-performing traders at hedge funds or investment banks may earn between \$200,000 and over \$1 million, including performance-based bonuses. Entry-level traders typically start at approximately \$50,000.

Job Growth Potential: Employment in securities, commodities, and financial services is expected to grow by 7% from 2023 to 2033, slightly above the national average. Growth is driven by rising investment activity, though automation and algorithmic trading may impact certain roles.

Work Conditions: Stock Traders operate in high-stress environments, often on trading floors or in offices, with extended hours during market operations. The role demands rapid decision-making and constant market vigilance. While institutional roles typically require on-site presence, independent traders may work remotely with appropriate technology.

Possible Work Locations: Preferred locations include financial hubs such as New York, New York; Chicago, Illinois; and London, United Kingdom. Other viable cities include Boston, Massachusetts, and Hong Kong, China, due to active financial markets. Remote trading is possible for self-employed traders.

Reference: Data sourced from the U.S. Bureau of Labor Statistics and AI-generated industry insights.

□ **U.S. Bureau of Labor Statistics - Securities, Commodities, and Financial Services Sales**

Agents:

<https://www.bls.gov/ooh/sales/securities-commodities-and-financial-services-sales-agents.htm>

Provides job growth data (7% from 2023–2033) and salary ranges (\$65,000–\$100,000 average) for stock traders.

□ **AI-Generated Industry Insights:**

Additional data on high-end earnings (\$200,000–\$1 million+) and work conditions was supplemented by AI-generated insights, as permitted by the assignment.

Cover Letter for AI Engineer Position

Kaung Mon Thant

Daejeon

kaungmonthant.kmt@gmail.com

6/9/2025

Dear Manager,

I am writing to express my interest in the AI Engineer position at [Company Name]. With a robust foundation in computer science and a profound enthusiasm for artificial intelligence, I am eager to contribute to your pioneering initiatives. My academic training and practical experience in machine learning position me as a qualified candidate for this role.

As a computer science undergraduate, I have completed coursework in machine learning, algorithms, and Python programming. During an internship at [Tech Firm], I developed a machine learning model using PyTorch, enhancing predictive accuracy by 12%. This experience strengthened my capabilities in data analysis, model training, and system integration, directly relevant to the AI Engineer role. I am proficient in frameworks such as TensorFlow and have demonstrated effective collaboration in team settings.

The commitment of [Company Name] to advancing AI, exemplified by projects such as Azure AI, resonates with my professional aspirations. I am keen to apply my skills to support your mission of delivering innovative solutions. My dedication to continuous learning ensures I remain abreast of AI advancements, enabling meaningful contributions to your team.

I appreciate your consideration of my application. I am available to discuss how my qualifications align with your needs and may be reached at [Your Phone Number] or [Your Email] to arrange an interview.

Sincerely,

Kaung Mon Thant

Reference: Adapted from AI-generated cover letter frameworks and industry standards.

Resume For AI engineer position

Kaung Mon Thant

Daejeon, 010-2228-1205

Objective

A dedicated computer science student seeking an AI Engineer position to leverage machine learning expertise and contribute to cutting-edge AI solutions.

Education

Bachelor of Science in Computer Science

Woosong University

Expected Graduation: 2027

Relevant Coursework: Machine Learning, Algorithms, Data Structures, Python Programming

Experience

AI Development Intern

- Constructed a predictive model using PyTorch, improving accuracy by 12%.
- Processed large datasets and optimized algorithms for enhanced performance.
- Collaborated with data scientists to deploy models in production systems.

Research Assistant

- Supported AI research initiatives focused on natural language processing.
 - Analyzed data and presented findings to academic teams.
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Skills

- Programming: Python, Java, C++
 - AI Frameworks: TensorFlow, PyTorch
 - Tools: Git, AWS, SQL
 - Competencies: Collaboration, Problem-Solving, Communication
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Projects

Text Classification Model

- Developed a neural network using TensorFlow, achieving 90% accuracy in sentiment analysis.
- Created data visualizations to communicate results effectively.

AI Chatbot

- Designed an NLP-based chatbot using Python, increasing user interaction by 18%.
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Certifications

- Deep Learning Specialization, Coursera, [Year]
 - AWS Certified Solutions Architect, [Year]
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References

Available upon request.

Reference: Adapted from AI-generated resume templates and industry standards.