

## Contact

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[www.linkedin.com/in/emmanuel-acheampong](https://www.linkedin.com/in/emmanuel-acheampong) (LinkedIn)  
[yshade.ai](https://yshade.ai) (Company)  
[maven.com/emmanuel-acheampong/aipportfolio/preview/53b6f1](https://maven.com/emmanuel-acheampong/aipportfolio/preview/53b6f1) (Other)

## Top Skills

Large Language Models (LLM)  
Agentic AI  
Generative AI

## Languages

French (Limited Working)  
Twi (Native or Bilingual)

## Certifications

Online Marketing Fundamentals  
Developing and Deploying  
Microservices with Microclimate  
Computer Science 101  
Data Science Professional  
Certificate  
Networking in Google Cloud Platform  
Specialization

## Honors-Awards

Berea College Departmental Labor  
Award  
Berea College Dean's List  
Pi Mu Epsilon  
National Society of Collegiate  
Scholar  
Berea College Tuition Promise  
Scholarship

## Publications

100 LinkedIn Learning Courses for  
Technology Students  
Move Slow To Learn Fast — What  
I learned about coding at a skating  
rink.

# Emmanuel Acheampong

AI engineering | coFounder @ yShade.ai | Research | Neuromorphic  
computing | Computer Vision | EB1A  
Greater Seattle Area

## Summary

Visionary Co-Founder & AI/ML Leader | Driving Inclusive Technology  
with Computer Vision

As a Co-founder at yShade.ai, I'm at the forefront of creating inclusive AI technology. I lead the development of our proprietary AI/ML algorithms, which are trained on a massive 12 million image dataset to accurately detect and analyze all human skin shades across any lighting and atmospheric conditions. This cutting-edge technology is redefining standards in industries like beauty, fashion, self-driving cars, and industrial automation. Our dedication to building our own AI APIs has solidified yShade.ai as a key innovator, earning us a spot in the prestigious Google for Startups Black Founders Accelerator 2024.

My journey is rooted in a deep passion for leveraging AI to solve real-world problems and drive positive social impact. With over five years of experience in AI/ML, I've had the privilege of building and deploying end-to-end AI models that bridge technological gaps. Previously, I contributed to the global expansion of Azure's infrastructure at Microsoft, helping to build over 185 regions worldwide.

In addition to my entrepreneurial work, I am passionate about educating the next generation of AI professionals. As a Coursera project instructor, I teach learners how to build compelling AI/ML portfolios, a role in which I've earned a 4.9 instructor rating from over 4,000 students.

I hold an M.S. from the University of Notre Dame and a B.A. in Computer Science and Mathematics from Berea College. My significant contributions and expertise in the field have qualified me for the O-1 visa, and the EB-1A visa.

Using Google Cloud NLP API to analyze writings featured in the Hamilton Broadway Play

Analyzing LinkedIn Content: A practical application of Data Science

What excites me:

- \* Building and deploying impactful AI models.
- \* Speaking at AI conferences to share knowledge and inspire others.
- \* Teaching AI courses and mentoring aspiring engineers.
- \* Leading and scaling high-performing AI teams.

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## Experience

yShade.ai

Co-Founder / Head of AI

August 2020 - Present (5 years 5 months)

Building AI algorithms for ALL skin shades.

Algorithms include: AI Foundation shade match, AI Skin Tint shade match, AI Shapewear shade match, Eye shadow palette recommendation engine and MORE.

We build:

1. AI algorithms for B2B indie beauty brands
2. iOS and Android app
3. Chrome Extension
4. Shopify APIs

<https://robomua.com/>

Self-employed

AI Engineering

August 2025 - Present (5 months)

Building end to end AI systems for clients and serving as forward deployed engineer for others as a contractor.

Leveraging LLMs, Computer Vision, GenAI, Agentic AI, building systems from scratch and research.

Maven

AI course Instructor

May 2024 - January 2025 (9 months)

## Advanced AI Portfolio BootCamp Course

### Coursera

#### Coursera Project Instructor

June 2021 - December 2023 (2 years 7 months)

Teaching learners to build a concise AI/ML portfolio of with predictive and generative AI projects. 10 courses and over 3000 students. 4.9 instructor rating.

<https://www.coursera.org/instructor/~88710258>

### Culture x AI

#### Creator

April 2019 - April 2022 (3 years 1 month)

Projects utilizing AI for cultures around the African continent.

Current projects include Voice AI actions on the Google Assistant:

1. Anansi Stories
2. Ghana Trivia
3. African Proverb
4. Creation Stories
5. Akan Translate
6. Trivia de Ghana (French)
7. Proverbes Africain (French)

### The IDEA Center at the University of Notre Dame

#### StartUp Coach

August 2020 - May 2021 (10 months)

South Bend, Indiana, United States

### ROBO-BootCamp

#### Co-Founder

August 2020 - May 2021 (10 months)

Closing the skills gap with AI and online learning.

### ESTEEM Graduate Program at the University of Notre Dame

#### MOOC consultant

August 2020 - April 2021 (9 months)

South Bend, Indiana, United States

## Booz Allen Hamilton

Booz Allen Hamilton - Artificial Intelligence

July 2020 - April 2021 (10 months)

McLean, Virginia, United States

Industry-Sponsored University of Notre Dame ESTEEM Capstone Project.

## Morgan Stanley

11 months

Machine Learning Engineer

November 2019 - June 2020 (8 months)

Greater New York City Area

## Technology Analyst

August 2019 - November 2019 (4 months)

Greater New York City Area

## LinkedIn

LinkedIn Learning Student Ambassador

February 2019 - June 2019 (5 months)

United States

## Scouted

Campus Ambassador

August 2017 - December 2018 (1 year 5 months)

New York, New York

- Selected as one of the college representatives of Scouted, one of the best free job posting sites in 2018 by Fit Small Business, for Berea College

- Provided students with resources and information that aid in navigating Scouted successfully, which has enabled a number of students to get internships.

## Morgan Stanley

Technology Summer Analyst

June 2018 - August 2018 (3 months)

New York, New York

- Wealth Management Technology Division.

- Utilized Jupyter, Python, Python modules, and Tableau for aggregating, analyzing and visualizing data for data-driven decision making.

- Displayed results of analyzed data in a website built with Python Flask, HTML, CSS and JavaScript

### SEO (Sponsors for Educational Opportunity)

#### SEO Career Participant - Corporate(Technology)

April 2017 - August 2018 (1 year 5 months)

New York, NY

- Received 50+ hours of individualized coaching and live instruction to achieve targeted interview, technical, and professional developmental goals
- Completed industry-specific training and assessments focused on developing technical skills, institutional knowledge, and attention to detail
- Completed 100 hours of online and in-person training covering technical skills in MySQL, object-oriented programming languages and product management, in addition to career development skills, and institutional knowledge, relevant to corporate technology.

### PCB:NG

#### Software Development and Data Analytics Intern

June 2017 - August 2017 (3 months)

Brooklyn, New York

- Collected and analyzed the company's data using Pandas, NumPy, and Matplotlib Python frameworks to create graphs, organize and evaluate information.
- Developed an application to measure and email the key performance indicator based on weekly customers and revenue which improved target marketing.
- Increased customer retention rate by about 60% using HTML, JavaScript, CSS and Google Analytics to revamp the company's website.

### Entrepreneurs Roundtable Accelerator

#### Software Development Intern

June 2017 - August 2017 (3 months)

New York

- Selected as one of 11 interns to work with the summer 2017 cohort of top startup technology companies from around the United States.

## Berea College

1 year 11 months

### Student Manager: Classroom Technologies Maintenance

August 2016 - June 2017 (11 months)

Berea, KY

- Managed a team of 15 students in maintaining educational technologies in 110 rooms on campus.
- Initiated new policies and procedures for maintaining an inventory and workspace which increased productivity by about 25%.
- Won best student worker in 2016.

## Media Technician

August 2015 - 2017 (2 years)

Berea Kentucky

- Completed about 150 work orders in one academic year working with a ticket management database system.
- Performed sound engineering, lighting, stage management and video production roles in the production of events like annual commencements, weekly convocations and various multimedia meetings.
- Lighting technician of the 2016 Christmas concert which was aired on CBS on December 24, 2016.

## French Teaching Assistant

August 2016 - December 2016 (5 months)

Berea Kentucky

- Worked with 30 students and professor to coordinate and implement innovative learning techniques to assist new learners of French 101 and 102.
- Provided tutoring for 5 hours a week to students needing help with semantics, grammar and writing of french.

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## Education

### University of Notre Dame

Master of Science - MS, Engineering, Science & Technology Entrepreneurship  
Excellence Masters Program · (2020 - 2021)

Berea College

Bachelor of Arts (B.A.), Double Major: Computer Science and Mathematics.

Minor: French · (2015 - 2019)