



Voyage

EMBARK ON YOUR DREAMS WITH LINKEDIN

Team One Learning



Favour

GEORGIA TECH



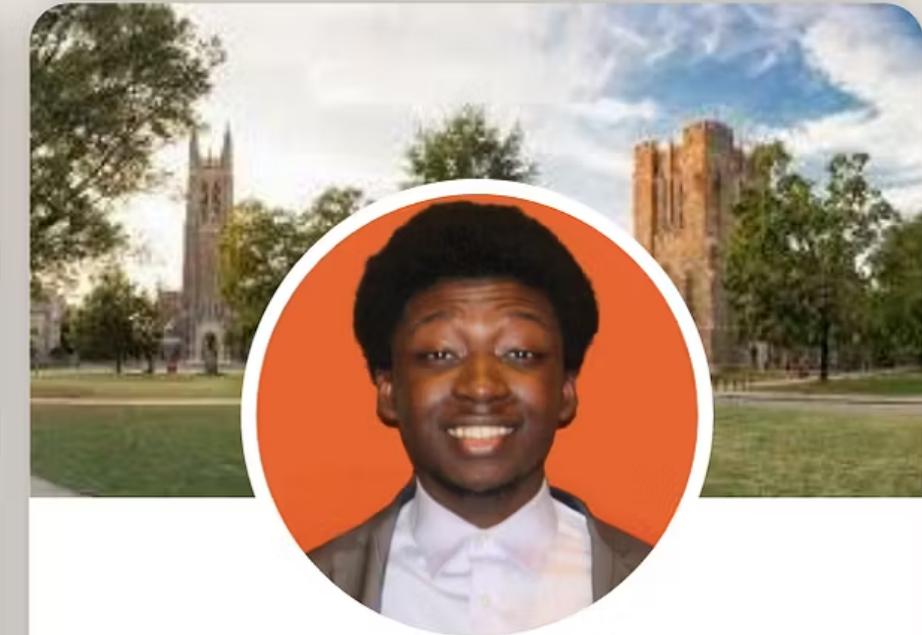
Mariama

SYRACUSE
UNIVERSITY



Guilherme

GEORGIA TECH



Harouna

DUKE UNIVERSITY

LinkedIn Journey is too **Static**

There is a diverse range of job seekers each with specific goals



- ✖ Starts all users at the same place, **regardless of experience**
- ✖ Journeys are the same **regardless of a dream destination**
- ✖ Journeys are **no more fulfilling** than watching a youtube playlist

Common Issues

This screenshot shows a LinkedIn Learning personalized learning plan titled "Pathway to a Machine Learning Internship". The page header reads "Ready to learn? Here's a preview of your personalized plan" and "We'll pick the best content for you from our library of 20,000+ courses." The main section is titled "Plan focus" and lists "Machine Learning Foundations · Python Programming · Data Analysis · Machine Learning Algorithms". Below this is a "What you'll learn and achieve" section with three bullet points: "Learn the basics of machine learning and Python programming to build a strong foundation for your career.", "Develop skills in data analysis and visualization to effectively interpret and present data.", and "Dive into advanced machine learning algorithms and their practical applications.". At the bottom left, it says "This is powered by AI and may make mistakes. [Learn more](#)". A "Get started with this plan" button is at the bottom center, and a "Try a different goal" link is at the bottom right.

This screenshot shows a LinkedIn Learning personalized learning plan titled "Pathway to a Machine Learning Research Internship". The page header reads "Ready to learn? Here's a preview of your personalized plan" and "We'll pick the best content for you from our library of 20,000+ courses." The main section is titled "Plan focus" and lists "Machine Learning Foundations · Python Programming · Data Analysis · Data Visualization". Below this is a "What you'll learn and achieve" section with three bullet points: "Learn the essential foundations of machine learning and statistical methods.", "Gain proficiency in Python programming specifically for machine learning applications.", and "Develop skills in data analysis and visualization to interpret and present machine learning results.". At the bottom left, it says "This is powered by AI and may make mistakes. [Learn more](#)". A "Get started with this plan" button is at the bottom center, and a "Try a different goal" link is at the bottom right.

Try Pitch

LinkedIn Learning

Home My Career Journey

Learn

- My Library
- Content
- AI Coaching

Apply

- Coding Practice

Certifications

Trending topics

Leadership and Management

Artificial Intelligence

Cybersecurity

+ Add courses

Data Structures and Algorithms Mastery

Develop a strong understanding of data structures and algorithms to solve complex problems efficiently.

- Java Algorithms
- Programming Foundations: Data Structures (2023)
- Programming Foundations: Algorithms

+ Add courses

Effective Software Development Practices

+ Add a module

Enhance your expertise by adding another module related to your Learning Plan.

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+ Add courses

Pathway to a Software Engineering Internship at Microsoft

My Learning Plan · Show details

▶ Start learning

Introduction to Cloud Computing and Microsoft Azure

Learn the fundamentals of cloud computing and explore Microsoft Azure services.

- Scaling Applications with Microsoft Azure
- Cloud Computing: Understanding Core Concepts
- Getting Started with Microsoft Azure by Microsoft Press

Version Control and Software Development Life Cycle

Data Structures, Algorithms, and Technical Interview Prep

Where It Still Falls

Short

◆ OVER-PROMISES - THIS SAME PLAN ONLY GIVES US A GROUP OF 3 TOPICS WITH 3 SIMILAR COURSES LISTED

◆ WELL-KNOWN MICROSOFT-SPECIFIC TOOLS LIKE .NET AND C# ARE MISSING!

! HOW CAN WE MAKE COMPANY-SPECIFIC CAREER GOALS MORE ACCURATE FOR THE CUSTOMER?

The screenshot shows a web browser window for LinkedIn Learning. The main heading reads "Ready to learn? Here's a preview of your personalized plan". Below it says "We'll pick the best content for you from our library of 20,000+ courses." A section titled "Pathway to a Software Engineering Internship at Microsoft" is displayed. Under "Plan focus", topics listed include Software Development Life Cycle (SDLC), Agile Software Development, Cloud Computing, Azure Cloud Services, Version Control (Git), and Job Interview Preparation. The "What you'll learn and achieve" section lists three goals: learning SDLC and Agile methodologies, gaining understanding of cloud computing and Azure services, and learning version control with Git for interviews. At the bottom, a note states "This is powered by AI and may make mistakes. [Learn more](#)" and a button says "Get started with this plan". A footer link says "Not what you're looking for? [Try a different goal.](#)".

USER STORIES

LINKEDIN 'CAREER JOURNEY' ISN'T PERSONALIZED TO THE INDIVIDUAL

Users want to get an accurate, customized, end-to-end career path charted using LinkedIn Learning

WHY LINKEDIN VOYAGE?

Users want an incentive to use LinkedIn Learning over other course sites

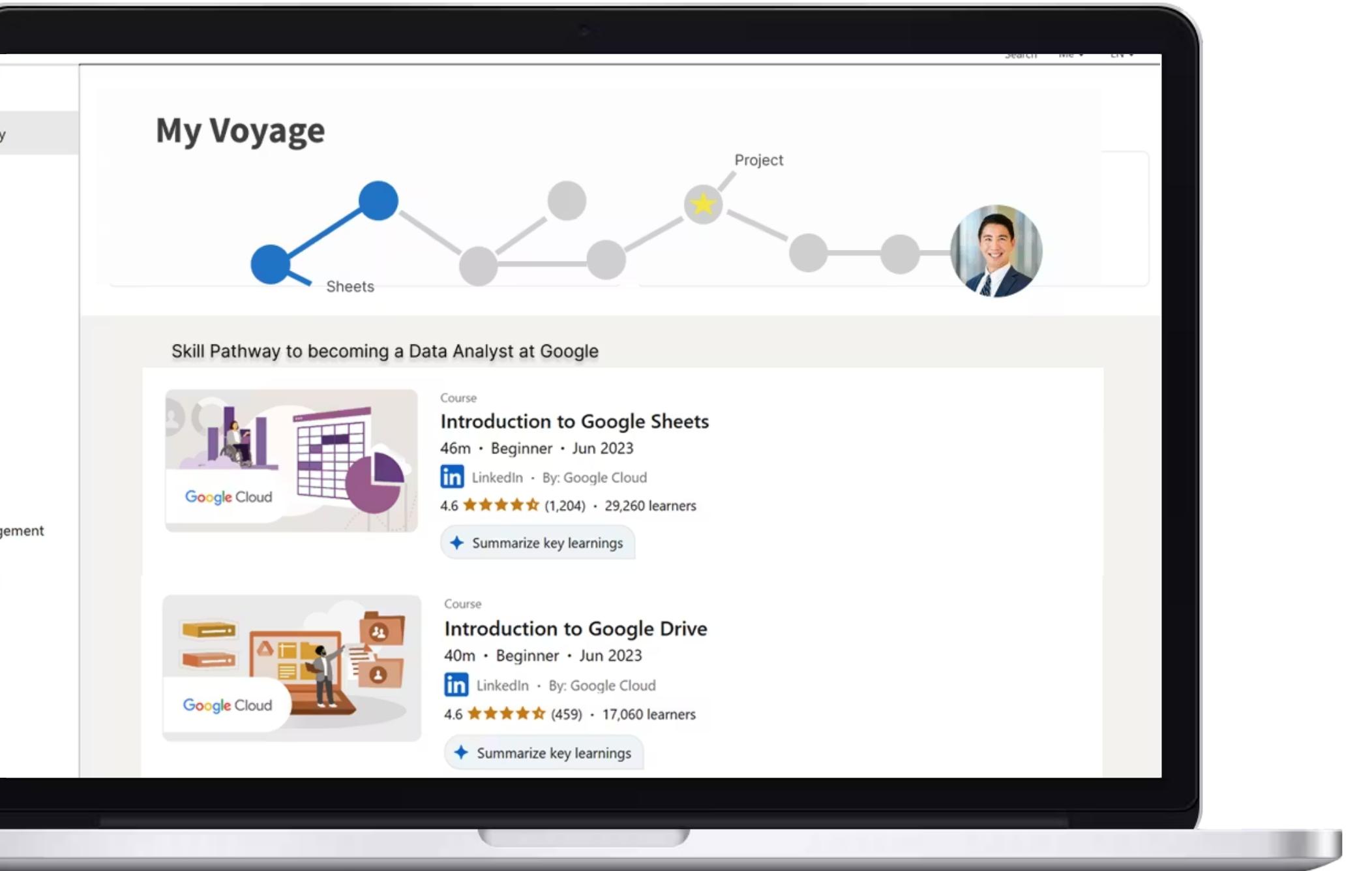
USER REMARKS

BOBBY D

"For high level use cases career journey is fine, but when getting technical it is not that great"

JOCELYN

"My goal is to learn how to read a line of code"



A Smarter Voyage for Career Planning

- Actual Personalized** learning using goals, dream companies, and current skills
- Smarter** course recommendation
- Visualized** charter to clearly map skills to your desired role
- Memorable** incentives and impacts that go beyond another overlooked badge

LinkedIn Learning

My Career Journey

Mariama Barry

Career goal

Welcome to Voyage!

Start your Voyage

Learn

My Library

Content

AI Coaching

Apply

Coding Practice

Certifications

Trending topics

Leadership and Management

Artificial Intelligence

Cybersecurity

Help

LinkedIn Learning

My Career Journey

Job Title

Company

Generate

Input text

Input text

Help

LinkedIn Learning

My Voyage

Skill Pathway to becoming a Data Analyst at Google

Course: Introduction to Google Sheets

46m • Beginner • Jun 2023

LinkedIn • By: Google Cloud

4.6 ★★★★★ (1,204) • 29,260 learners

Summarize key learnings

Course: Introduction to Google Drive

40m • Beginner • Jun 2023

LinkedIn • By: Google Cloud

4.6 ★★★★★ (459) • 17,060 learners

Summarize key learnings

Help

Try Pitch

COMPARISONS

Features	Voyage	Current
Charted course for LinkedIn Learning courses	✓	✓
Topic-Assorted Course Separation	✓	✓
Personalized Learning for Your Skill Level and Niche	✓	✗
Visual and Provable Learning Progression	✓	✗
Valuable, Incentivized Learning	✓	✗

Our Tech Stack

FRONTEND



~~NEXT~~.JS

BACKEND

Gemini



DEMO

Let's Take a Look

Video demo app in action...



NEXT STEPS



Real Data

Implement data from LinkedIn's database of companies, jobs, courses, and users instead of sampled data



Recruiters and Job Opportunities

Connect Voyage completers with job openings and recruiters to reward completion



Testing and Verification

Verify and test that the systems do what they are supposed to. Place blockers to stop people from "cheating" their Voyage

Learnings

Things that we learned

Ideas > Implementation

- ✓ Taking time to plan our approach and the end goal was very helpful in implementing the MVP we wanted to share to capture the goal.

Context-rich inputs improve recommendations

- ✓ Incorporating **user goals** and **skill levels** along with dream roles makes AI-driven suggestions far more relevant and impactful.

AI Won't Steal Our Jobs Yet

- ✓ AI could not generate all the code we wrote when we asked it to, very nicely.

REFERENCES

LINKEDIN LEARNING

Provided us a template to how to format our project

EMBEDDED SYSTEMS ENGINEER ROADMAP

<https://github.com/m3y54m/Embedded-Engineering-Roadmap>

NVIDIA JOB DESCRIPTIONS

Voyage

Career Guidance with Purpose, Let's Sail



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[Create a presentation \(It's free\)](#)