

# David Scott

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## EDUCATION

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### Nolan Group University

Landryshire, SC

B.E in Software Engineering

2019 - 2025 / GPA: 3.49

*Dean-s List - Fall (2021)*

Relevant Coursework: Docker, MongoDB, Node.js, SQL, Docker

### Byrd-Moore School

Rodriguezfurt, India

Grade 12(CBSE) - Year of Completion (2020) - GPA 3.69

Grade 10(CBSE) - Year of Completion (2013) - GPA 3.78

## EXPERIENCE

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### Software Engineer Intern

May 2024 - Sep 2025

*Conner-Yu*

Led the migration of a monolithic backend to a microservices architecture using Node.js and Docker. Developed internal CLI tools for deployment automation and monitoring services.

### Software Engineer Intern

May 2024 - Sep 2025

*Stewart, Mann and Hoffman*

Implemented a real-time data pipeline using Kafka and Python for a logistics company to track shipments. Integrated with internal analytics tools and reduced data latency by over 60%.

### Backend Developer

May 2023 - Aug 2025

*Buchanan, Walker and Chapman*

Created and maintained a scalable chatbot system using LangChain and pgvector. Integrated the chatbot with a product FAQ database and fine-tuned the retrieval system using semantic search.

## SKILLS

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Node.js, Git, AWS, Java, Docker

## PROJECTS

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- Created a responsive personal finance tracker web app using Flask and Chart.js. Users can categorize expenses, generate monthly reports, and visualize spending trends with dynamic charts.
- Built a real-time chat application using React, Node.js, and WebSocket that supports private messaging, typing indicators, and emoji reactions. Deployed the app on Vercel with authentication handled by Firebase.
- Designed and developed an online bookstore REST API using Django, Django REST Framework, and

PostgreSQL. Implemented search, filtering, and pagination with token-based authentication and role-based access.