

Dylan Alexander

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Senior Machine Learning Engineer

Profile

Senior Machine Learning Engineer with expertise in GPU-accelerated ML systems and high-performance microservices. Proven leader in scalable architecture, driving enterprise AI adoption through precision engineering and impactful mentorship. Experienced in bridging research to production with measurable outcomes.

Experience

NICE Ltd. (NASDAQ: NICE)

Apr 2022 - Present

Lead R&D Developer

Atlanta, GA

- Lead developer of the Text Analysis Satellite, enabling clients to derive insights from conversational data at scale.
- Increased NLP model accuracy by 30%, directly enhancing outcomes across thousands of enterprise users.
- Proven track record in transforming NLP research POCs into production-ready features.
- Leveraged CUDA-based parallelism and asynchronous streaming to reduce latency by 35%.
- Mentored junior engineers and grew a high-performance engineering team aligned with business goals.

Carter + Clark

Mar 2021 - Apr 2022

R&D Software Developer

Duluth, GA

- Streamlined the autonomous generation of spatial data for permit drawings.
- Maintained OOP principles in procedural AutoCAD .NET APIs for 3D modeling.
- Contributed to open-source projects and algorithm optimization insights.

173rd Airborne Brigade, US Army

Jun 2018 - Jun 2020

Geospatial Engineer

Vicenza, Italy

- Analyzed and organized dynamic geospatial datasets for mission-critical operations.
- Delivered GIS products to support combat leaders during high-stress airborne operations.

Education

University of Georgia

Professional Master's in Business Administration

Kennesaw State University

BS, Computer Science (AI & ML)