

# Jacob Korn

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## Summary

Software Developer with a BS in Computer Science and experience as co-founder and Principal Developer at Box K Software. Built AI-driven data enrichment tools to enhance digital outbound sales outcomes. Skilled in Python, C#, JavaScript, SQL, and Azure, with applied knowledge of machine learning and Microsoft Power Platform. Recognized for rapid learning, problem-solving, and delivering scalable solutions. Seeking to apply technical expertise and innovation to software engineering or IT projects.

## Skills

- **Languages:** Python, C#, C, JavaScript, SQL
- **Frameworks & Libraries:** .NET (ASP.NET), React
- **Cloud & Platforms:** Microsoft Azure, Power Apps (PowerApps)
- **Tools:** Git, Azure DevOps, Visual Studio, VSCode
- **Practices:** Object-Oriented Programming (OOP), Agile practices, RESTful APIs, continuous integration and continuous delivery (CI/CD), testing and debugging

## Experience

### Software Developer

11/2024 to Current

#### Box K Software

- Co-founded and led development of a niche AI startup, architecting scalable software solutions that enhance current-state digital sales use cases with improved actionable intelligence, leading to more effective outbound sales motions.
- Designed a full-stack annotation pipeline—React labeling UI, Node.js APIs, Azure services, and Dynamics 365 integration—to produce high-quality labeled CRM data for machine-learning and analytics.

### Software Engineer Intern

05/2023 to 08/2023

#### Trynzcic

- Collaborated with a principal software engineer to design and implement a platform-wide transient error handling framework, enhancing system reliability across C# and SQL-based components.
- Participated within the rotation of tracking daily production monitoring and bringing items to the rest of the team for triage.

### Software Engineer Intern

05/2022 to 08/2022

#### Trynzcic

- Optimized database architecture for localization support by restructuring tables and automating management processes leveraging C#, .NET, and inline T-SQL.

## Education

### Bachelor of Science in Computer Science

05/2024

University of North Dakota

## Activities

### Philanthropy Chair

09/2020 to 05/2021

#### Sigma Nu Epsilon-Kappa Chapter

Organized philanthropies to raise money for Suicide Awareness. Proceeds went to National Alliance on Mental Illness.

- Drop the Puck Hockey Tournament - \$2,000 raised.
- Sigma Nu BBQ - \$900 raised.