Alex Kushniarevich

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EDUCATION

University of Illinois Chicago <div style="text-align:right">**Chicago, IL**</div>
Bachelor of Science in Computer Science | GPA : 3.2 <div style="text-align:right">*Expected in December 2024*</div>

PROJECTS

SimpleScalar Laboratory Research (Linux, C, PISA)
- Used SimpleScalar, a tool for architectural simulation, to simulate programs and analyze their statistics.
- Tested different bandwidth configurations to optimize processor performance and find cost-effective solutions.
- Gained experience with pipelining, loop unrolling, parallel programming, cache configurations.

Chicago Landmark Mobile Application (Java, Android Studio, XML)
- Developed an application using Java in Android Studio that lists famous landmarks in Chicago, IL.
- Gained experience with Android app components, fragments, threading, sensors, APIs, Google Play Store.

Keygen Application (C#, .NET, Visual Studio)
- Developed a Windows Forms key generator application that converts user input into ASCII characters.
- Designed a user-friendly interface, implemented string manipulation, added a setup installer for deployment.

Keno Lottery Game (Java, JavaFX, Maven, XML)
- Developed a desktop application based on the popular casino and state lottery game, Keno.
- The goal of this project was to learn GUI development and event driven programming using Java and JavaFX.

Essay Grader Program (Python, NumPy, NLTK)
- Developed an essay grading system utilizing tokenization, stemming, speech tagging and word embeddings.
- Created a statistical model that assesses the quality of essays and provides detailed feedback to the user.

WORK EXPERIENCE

Target Corporation <div style="text-align:right">**Vernon Hills, IL**</div>
Closing Expert <div style="text-align:right">*August 2020-Present*</div>

- Greeted and helped guests with any questions they have.
- Managed inventory, overlooked the electronic and cashiering departments.
- Coordinated team meetings with Store Leads and Team Members.

SKILLS

- Java | C# | Python | Android Studio | Visual Studio | Linux | Git | Adobe Creative Cloud | Microsoft Office Suite

RELEVANT COURSEWORK

- CS251-Data Structures | CS401-Computer Algorithms | CS466-Computer Architecture | CS407-Economics and Computation | CS478-Software Development for Mobile Platforms | CS342-Software Design | CS480-Database Systems | CS421-Natural Language Processing | STAT381-Applied Statistical Methods