

# Siyad Adan

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## Summary Statement

Intermediate software engineer with B.S in computer science and 2+ years' experience. Microsoft Azure Data Engineer certified. Track record of optimizing data flows for interconnected projects by 30x and redesigning monolithic designed software to multi-distributed effectively decreasing installation times by 3x. Also, actively developing leadership skills by mentoring undergraduate 1<sup>st</sup> and 2<sup>nd</sup> year computer science students.

## Education

### **Bachelor of Science, Computer Science Major, CO-OP Option**

Carleton University, Ottawa, ON

*September 2018 – February 2022*

- 4.0/4.0 GPA
- David A. Golden Scholarship Recipient

### **Bachelor of Applied Science, Chemical Engineering**

University of Ottawa, Ottawa, ON

*September 2013 – August 2018*

- 3.7/4.0 GPA

## Work Experience

### **Software Developer**

Apption, Ottawa, Ontario

*January 2021 – Present*

- Lead development of Canada Soccer (CS) projects, such as website, National Registry REST API, and Club Licensing System
- Created and prototyped data obfuscation algorithm for the data discovery and classification software *Dat Hunter*
- Tested, coded, reviewed, and delivered software with 100% on-time record for client-driven Canada Soccer projects
- Leveraged Azure services to optimize data flows for interconnected CS projects which increased data delivery by 30x

### **Software Developer**

Barracuda Networks, Ottawa, Ontario

*January 2020 – August 2020*

- Decoupled and refactored .NET Framework-based MSP software code base into separate projects for architectural change
- Developed Jenkins installation pipeline to install MSP software in multi-distributed system
- Redesigning MSP software from monolithic to multi distributed system which decreased installation time by 3x

### **Software Developer**

Konnexis, Ottawa, Ontario

*May 2019 – August 2019*

- Developed .NET Framework-based localization tool to convert excel translation files to XML for master XML translation file
- Developed and tested developer utility tools for software development team which increased productivity by 3x

## Skills

**Languages:** C#, JavaScript, PHP, T-SQL, Python

**Frameworks/Tools:** .NET, Node.js, Express, MongoDB, React, Git, Azure, Jenkins, YAML, WordPress, PowerShell Scripting, SSMS

## Certifications

- [Microsoft Certified: Azure Fundamentals, May 2021](#)
- [Microsoft Certified: Azure Data Engineer Associate, August 2021](#)