

6075 Clarion Pass  
Hopkins MN 55343

## Alexander S. Korn

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### EMPLOYMENT

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<b>Software Engineer II</b>	<b>Beckman Coulter</b>	<b>January 2019 – Current</b>
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- Work as part of a cross-functional agile, R&D software team developing next-generation immunoassay diagnostic devices.
- Work on internal web applications to support internal R&D groups in the development of assays.
- Used Microsoft tools to design, test, and implement machine, and user interface functionality.
- Setup the Azure infrastructure, VMs, and Azure DevOps CI/CD pipelines
- C#, .NET, Git, SQL Server, Visual Studio 2019, PowerShell, WPF, Wix, Azure, Razor, HTML, CSS, JavaScript

<b>Software Engineer (Contractor)</b>	<b>Genesis10 at Ameriprise Financial</b>	<b>June 2018 – December 2018</b>
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- Worked as part of an agile Software team developing microservices to deliver data to web applications used at Ameriprise Financial.
- Java 8, Spring, IntelliJ, Elastic Search, Scala, Git, Maven, Docker, Kubernetes

<b>Software Engineer, Intern</b>	<b>Beckman Coulter</b>	<b>Summer 2017</b>
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- Worked as part of an agile R&D software team developing next-generation immunoassay diagnostic devices.
- Designed, implemented, and tested a troubleshooting system for users to be able to self-service their devices.
- C#, .NET, IIS, Wix, SharePoint, Team Foundation Server, SQL Server, Visual Studio 2015

### EDUCATION

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<b>Atlanta, GA</b>	<b>Georgia Institute of Technology</b>	<b>Jan 2021 - Present</b>
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- MS in Computer Science.
- Starting January 2021 (Online)

<b>St. Peter, MN</b>	<b>Gustavus Adolphus College</b>	<b>August 2014 – June 2018</b>
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- B.A in Computer Science, June 2018.
- Undergraduate Coursework: Operating Systems, Databases, Algorithms, Programming Languages, Comp. Architecture, UI/UX Design, Discrete Math.

### ADDITIONAL TECHNICAL EXPERIENCE AND AWARDS

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#### Projects

- **Email Response Timer** (2018). Chrome extension to track the amount of time it takes for people to open respond to emails based on a priority system. JavaScript, jQuery, Node.js, CSS, HTML
- **Interactive Campus Map** (2018). A mobile application with an interactive campus map of Gustavus that allowed students to explore campus independently. Java, Android
- **Safe Rides** (2017). A mobile application that allows students to schedule rides with safe rides to get transported around campus. Swift, XCode
- **Mobile Application Club**: Designed an app iOS app for Gustavus with other students in the club. The app allows students to set up appointments and picked up by campus safe rides.

#### Work-Related Skills

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- Java, C#, JavaScript, Swift, SQL, Python, HTML, CSS, Scala
- SQL Server, MySQL, MongoDB, Eclipse, XCode, Visual Studio, Git, Microsoft TFS, OS X, Linux, Windows, Azure, REST, jQuery, Node.js, Bootstrap, Spring, .Net, .Net Core, React, Redux, Express
- MS Office, Photoshop, Power BI