

1500 S 1000 E, #2501  
Clearfield, Utah 84015

## Jacob B. Nørgaard

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### EMPLOYMENT

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<b>Software Engineer (I and II)</b>	<b>Motorola Solutions</b>	<b>May 2020 – Current</b>
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- Automated management of Azure resources
- Regularly participating in support tasks to enable other teams
- Creating developer tools using Vue, Node, Postgres, PowerShell, C# (.NET Core)
- Design and development on multiple different products to help with getting deployed in the cloud, monitoring costs, and interacting with Azure DevOps and GitHub

<b>Software Engineer Co-Op</b>	<b>Motorola Solutions</b>	<b>Aug 2019 – May 2020</b>
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- Continued maintenance, test automation, and improvement of product created as an intern, as well as existing tools for management of projects in the cloud
- Improved CI/CD process with Azure Pipelines

<b>Software Engineer Intern</b>	<b>Motorola Solutions</b>	<b>May 2019 – Aug 2019</b>
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- Worked in an agile environment as part of Cloud Infrastructure Engineering
- Created a tool for improving the processes surrounding product compliance, this was completed with a Vue, Node, and MySQL stack

<b>Teaching Assistant</b>	<b>University of Utah – School of Computing</b>	<b>Jan 2019 – May 2019</b>
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- Teaching assistant in software practice using C# with the .NET framework
- Consisted of running two weekly labs, helping students during office hours, and grading student assignments

<b>Intern</b>	<b>University of Utah – IAM</b>	<b>Jul 2018 – Dec 2018</b>
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- Set up auth between different services
- Performed data aggregation from different datastores, such as SQL and LDAP
- Set up API for updating and retrieving information from other services (Box and Duo)

### EDUCATION

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<b>B.S. in Computer Science</b>	<b>University of Utah</b>	<b>2017 – 2021</b>
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- GPA: 3.7
- Noteworthy courses:

Algorithms	Computer Security	Mobile App Programming
Web Software Architecture	Software Practice	Object-Oriented Programming
Database Systems	Parallel Programming and High-Performance Computing	

<b>Architectural Engineering</b>	<b>Aarhus University (Denmark)</b>	<b>2014 – 2015</b>
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- Mathematics and mechanics, wood and steel structures, and architectural design.

### TECHNICAL EXPERIENCE

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#### Languages and Technologies

- C#, C++, CSS, Java, JavaScript / Node.js, PowerShell, SQL, NoSQL
- Angular, Azure Pipelines, Docker, Git, GitHub, Kubernetes, NPM, NuGet, Vue.js

#### Projects

- My project (**Continual**): Personal website using AngularJS (<https://www.jacobbn.com>)
- School capstone: An application for controlling your phone using hand movements (<https://github.com/HGTP/hgtp-capstone>)