

**Home Address**  
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**Liem Gearen**  
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## **EDUCATION**

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Augustana College, Rock Island, IL

May 2019

**Bachelor of Arts** in Computer Science

Minor: Mathematics, Entrepreneurship

**Honors:** Dean's Scholarship - Academics • Hoffman Scholarship - Academics • Eagle Scout - Boy Scouts of America • Mortar Board – National Collegiate Senior Service & Leadership Society • Pi Mu Epsilon – Computer Science and Mathematics Honor Society • Alpha Phi Omega – National Service Honor Society

## **RELEVANT WORK EXPERIENCE**

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### **Agile Tools, John Deere Digital Strategy & Transformation, Moline, IL**

*Senior Software Engineer*

August 2022 – Present

- Develop and support centralized metrics web application with NextJS, React, AWS and SQL for agile product teams to submit and review sprint metrics
- Maintain authorizations to our customers in order to provide access and insights to several of our third-party agile tools
- Drive automation innovation on our manual support work to enable our team to focus their capacity on innovative work
- Develop and maintain migration scripts to enable product teams to migrate their backlog data from Rally to Jira so product teams are able to utilize their new backlog instance with little disruption to their daily routine
- Promote engineering, CI/CD, and UI/UX best practices to fellow team members so that the team is better equipped to deliver high-quality solutions

### **Parts IT Modernization, John Deere NA-PDC, Milan, IL**

*Software Engineer, IT Early Development Program*

June 2019 – August 2022

- Developed and maintained a new, modernized parts ordering web application utilizing React, Spring Boot, and standardized UI/UX framework
- Updated, developed, and supported John Deere's primary parts ordering system's UI/UX using Java/J2EE, HTML, and CSS to optimize and provide a new user experience for dealers who utilize the application
- Communicated and practiced Agile methodologies to promote higher levels of quality and commitment when delivering work to our stakeholders
- Promoted CI/CD practices with web application maintenance and deployment utilizing the automation practices by partnering with senior software engineers
- Supported the configuration and development of our SAP Interaction Center environments for our dealers

### **Global IT Order Management, John Deere, Davenport IA**

*Architect Support*

May 2018 – May 2019

- Gathered and monitored data pertaining to the John Deere Order-to-Cash system to identify inconsistencies and patterns that led to system and network improvements
- Designed dashboards to provide better insight to John Deere's Order-to-Cash systems efficiency
- Explored various applications to provide appropriate solutions to business needs
- Developed scripts and web applications to assist the team in monitoring various testing environments
- Researched and assisted in the development of AWS environments for the team's migration of cloud computing resources

*Business Process Support II*

April 2017 – May 2018

- Developed, managed, and maintained the Order Management SharePoint website in order to maintain organization and efficiency for all teams within the program

## Liem Gearen

- Responsible for all technical support, individual pages, site permissions and security, and upkeep of content
- Assisted with the upkeep and maintenance of videos within the program to ensure all videos are stored efficiently and viewable to individuals within the company
- Drove and supported a large-scale SharePoint migration project to provide a new, clean, and organized SharePoint resource site for multiple project teams
- Trained additional Part-Time Students as Business Process Support

### *Business Process Support I*

November 2016 – April 2017

- Provided support for management tasks in order to assist the execution of John Deere's Order Management projects within the United States
- Maintained and tracked monthly time usage to ensure all financial resources were accounted for efficiently within the Order Management Program
- Developed and supported two websites for dealers to serve as resource centers
- Managed and maintained over 370 communication groups to ensure proper communication and security is present within the Order Management Program

## **EDGE Entrepreneurial Center, Augustana College, Rock Island, IL**

### *Web Development Intern*

March 2016 – Feb 2019

- Assisted in development and maintenance of websites for over 200 clients
- Aided in the graphic design of websites as needed
- Responded to customer requests to ensure all web-development-based needs were being met

## **Hesed House, Aurora, IL**

### *IT Intern*

May 2016 - August 2016

- Led hardware project to refurbish and redistribute 50 laptops
- Assisted with any hardware-related projects as needed by the workplace
- Provided assistance with data entry for a volunteer tracking program utilized throughout Hesed House

## **RELEVANT SKILLS & COMPETENCIES**

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Proficient in the following technical skills:

Java/J2EE • Git/GitHub • React Development • Node.js • NextJS • Terraform  
Grafana • Jira • Agile Central • Mural • AWS Development • GitHub Actions • Drone • Jenkins  
SAFe Scrum Master Training • Scrum Team Certified • Nn/g UX Certified

## **REFERENCES**

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*Shannon Allen*

Scrum Master, John Deere

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*Kristjan Backmeyer*

Principal Architect, John Deere

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