

EXPERIENCE

- **Microsoft Corp.** Redmond, Washington
Software Engineer II July 2020 - current
 - **Privacy Management:** Worked in a incubation team and built version one product from the beginning to public preview (July 2021) and release (November 2021) with monthly protected user > 12M in 2023
 - Implemented scalable distributed systems in Azure that search, export, delete, and annotate files for privacy review using Azure Function, ASP.NET Core, Redis, and Elasticsearch (up to 300G per request).
 - Built the API and cloud orchestration that searches PBs of data and supports the file legal review review, upload and download, deployed to multiple regions worldwide (AzCosmosDB, AzSQL, AzFiles)
 - Enhanced role based access control AuthZ for the product, JWT token validation, certificate based auth and Managed identity with Azure active directory
 - Designed and implemented compliance dashboard for summary view and insights from Azure and Office, CI/CD in Azure DevOps with weekly deployment using ARM templates
 - Optimized the sensitive file aggregation and reduced the overhead by more than 50%
 - Integrated workflow automation(RPA) using Microsoft Power Automate with Outlook and ServiceNow
 - Implemented the service to scan, ingest, and analyze sensitive content in OpenAI ChatGPT messages with Azure Purview, Microsoft Graph
 - Built supporting service that prepares the data for PySpark ETL pipeline that runs the data scan
 - Participate in oncall cycles to troubleshoot various of issue, and improving monitoring and alerts
 - Mentored summer interns and guided intern projects in summers
- **Intelligent Medical Object** Rosemont, Illinois
Software Engineering Intern May 2019 - July 2019
 - **Precision-Sets:** Focused on web development using ASP.NET Core, Angular, AWS and assisted deployments
 - Worked on a project comprised of multiple micro-services and written documentations
- **University of Illinois at Urbana Champaign** Urbana, Illinois
Multiple Jan 2018 - May 2019
 - **Undergrad research:** Explored phylogeny reconstruction advised by Prof. Tandy Warnow in sp2019
 - **Course assistant:** Course assistant for CS125 in fa2018; Grader and assistant for ASTR100 in sp2018
- **New H3C Technologies** Beijing, China
Software Engineering Intern May 2018 - Aug 2018
 - **iNode Android:** Worked on software development for a enterprise app using Android Studio
 - Implemented new features, optimization on both usability and performance, and fixing bugs

EDUCATION

- **University of Illinois at Urbana Champaign** Urbana, Illinois
Bachelor of Science in Computer Science & Astronomy Sept 2017 - May 2020
- **University of Massachusetts, Amherst** Amherst, Massachusetts
Bachelor of Science in Computer Science; Transferred to UIUC in 2017 Sept 2016 - May 2017

PROGRAMMING SKILLS

- **Programming languages:** C#, Java, Python
- **Technologies:** Azure Cloud, Elasticsearch, Redis, DotNet Core, Azure Kubernetes Service
- **Tools:** Git, Visual studio, Microsoft Power Automate, Android studio, Docker