

Zitao Zhu

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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

EXPERIENCE

- **Microsoft Corp.** Redmond, Washington
Software Engineer II July 2020 - current
 - **Privacy Management at Security and Compliance:** 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 2022
 - Implemented scalable systems 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 orchestration that searches PBs of data and supports the file legal review operations (e.g. applying custom tags and export the annotated files as a zip from the blob storage, download/upload files for review), and extend the existing eDiscovery functionalities
 - Added role based access control, token validation, and cmdlet to support multi role review
 - Designed and implemented compliance dashboard for summary view and insights from Azure and Office
 - 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
 - Multicloud work to extend classification, insights aggregation, and review for Azure, AWS, and OCI
 - Maintained Spark job data pipelines that aggregate the summary view for privacy dashboard
 - Mentored summer interns and guided intern projects in summer 2023
- **Encrypticon** Remote
Software Engineer Jan 2022-May 2022
 - **encrypticon.co.uk:** Track and predict daily price of bitcoin by market signals
 - Worked in a small team and experimenting various strategies and models with daily market data
- **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

PROGRAMMING SKILLS

- **Languages worked with:** C#, Java
- **Technologies:** Azure, Elasticsearch, Redis, Spark
- **Tools:** Git, Visual studio, Microsoft Power Automate, Android studio, Docker