**Alexander Rose**

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**Education**

**Loyola University Chicago**  **Expected Graduation 2022**

*Bachelors of Science in Computer Science*

* *Honors*: Deans List Student and Trustee Scholarship Recipient.
* *Coursework:* Calculus II, Object Oriented Programming, Data Structures and Applications, Computer Systems, Database Management, Software Engineering, Natural Language Processing

**Skills**

Proficient: Python, Java, JavaScript/CSS/HTML, React, REST APIs

Intermediate: SQL/NoSqL, Go, Vue

**Professional and Academic Experience**

## *Loyola University Chicago*

**ITS Service Desk May 2019-Current**

* Troubleshoot and resolve technical issues for faculty, staff, and students on Windows, macOS, and Linux operating systems by using Ivanti Service Manager, Terminal, Zoom, etc.
* Coach teachers, faculty, and staff about the software and hardware of the university.
* Collaborate with several different technical teams at ITS to solve these problems

**Loyola Systems Software Laboratory December 2019-Current**

* Meet weekly with faculty advisors in order to assist with different research problems and projects
* Program in Python in order to reach these goals and our team uses Git to collaborate.

**Mulcahy Fellowship February 2020-Current**

* Directly work under Professor George Thiruvathukal and Professor David Dennis
* Creating a front-end website meant to visualize the History of Computing.
* Editing and reviewing the interdisciplinary textbook *The History of Computing and Its Cultures*

## *Walmart* May 2018 - August 2018

**Walmart Associate**

* Worked on various tasks with a team of one to four crew members to manage the store properly.
* Multitasked by always helping customers, cleaning the store, and having resources for customers ready.

**Relevant Projects**

## [RamblerFy.com](https://ramblerfy.com/) May 2020-Current

* Used React, REST, AWS, MongoDB, and Python to create a website that finds Spotify songs based on different user variables.

## Metrics Command Line Tool December 2019-Current

* Using Python and the GitHub API, we gather information on users and repositories in order to analyze software quality using different metrics.

**Extracurricular and Volunteer Work**

**Don’t Panic! CS Club August 2019-Current**

* *Vice President*: I organize events and am responsible for the main communication for the main Computer Science club on campus.

**Cocurricular Involvement and Honors**

* *Honors*: Mulcahy Fellowship, ISAC State Scholar, SAR Fox Valley Chapter Winner