

# KATHY CHERN

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## EDUCATION

**University of Illinois at Urbana-Champaign**  
**Bachelor of Science, Computer Engineering**

December 2018

*Relevant Coursework:*

Data Structures

Artificial Intelligence

Intro to Algs & Models of Comp

User Interface Design

Computer Security

Computer Organization & Design

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## WORK EXPERIENCE

**Software Engineer**

*Cerner Corporation*

Kansas City, MO

February 2019–Present

- Improved on and tested a Call For Proposals **Ruby on Rails** webapp for Cerner's internal conferences
- Assisted clients through a support page with troubleshooting and resolving defects using **C#** and **C++**
- Resolved a highly demanded defect with launching applications while collaborating and initiating communication across teams

**Software Engineer - Full Stack Intern**

*Bright Cellars*

Milwaukee, WI

May 2018–August 2018

- Designed a service that automated gift card printing and improved overall efficiency using **PHP**, **ReactJS**, and **SQL**
- Led the project from initial design planning to completion and communicated frequently across teams
- Completed various tasks ranging from data insights with SQL to functionality refactorization into ReactJS

**Front-End Software Developer Intern**

*Erisonic Innovation Technology, LLC*

Kansas City, MO

June 2017–August 2017

- Conducted the research behind potential ideas and features for a user dashboard
- Enhanced webapps with a login modal and various features using **HTML**, **SCSS** and **AngularJS**

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## PROJECTS

**SearchMe**

*Cerner's ShipIt Hackathon*

Kansas City, MO

February 2020

- Collaborated in a team of 5 to create a Cerner resources search tool using **Python** and Microsoft's bot framework
- Responsible for handling data returned by various APIs and formatting the data for front-end consumption
- Awarded Best Presentation and runner up for Best Integration with New Relic, a performance tracking service

**Role Management Service**

*Cerner's Identity and Access Management Team*

Kansas City, MO

June 2019–September 2019, January 2020–Present

- Implemented and tested functionalities of a service for managing multiple user roles using **Java** and **JUnit**
- Worked on the client side API calls to the service and designed integration tests
- Injected logic into the security authentication framework to store the user's role profile attributes within the login context

**DevCon Call For Proposals**

*Cerner's DevAcademy Project*

Kansas City, MO

February 2019–April 2019

- Unified three user controllers, refactored views and migrations, and implemented data exportation utilizing **Ruby** and **HAML**
- Communicated and worked effectively in a team of 4 while providing helpful feedback in code reviews
- Ensured unit testing using **RSpec** for code coverage before release of code

**Nearby Restaurants by Popularity**

*Personal Mini-Project*

May 2018

- Built a web app using **ReactJS**, **Python**, and **jQuery** in preparation for an internship
- Utilized Google's Popular Times data to display nearby restaurants and their wait-times
- Worked with different open-source libraries and Google APIs to build a functional map component

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## TECHNICAL SKILLS

**Languages:** (*proficient*): Python, Java, Ruby, HTML, CSS/SCSS (*familiar*): JavaScript, PHP, C/C++, C# (*novice*): SQL, CCL  
**Frameworks and Tools:** Ruby on Rails, RSpec, JUnit, ReactJS, AngularJS, jQuery, Git, Scrum (Agile), Crucible, Jenkins, Subversion  
**Operating Systems:** Linux, MS Windows, Mac OS X