

KATHY CHERN

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WORK EXPERIENCE

Senior Software Engineer II

Poshmark

Redwood City, CA
September 2020–Present

- Led the design and implementation of multiple push notifications to support a livestream feature, which drove a 50% increase in daily unique viewership
- Engineered a scalable notification settings system, enabling users to control updates from their followings, including those with millions of followers
- Worked on a multi-iteration project that leveraged user notifications to market liked items, resulting in 10% increased GMV
- Developed a suppression tool to enhance personalization with our batch marketing emails, which reduced unsubscribe rates by 51% and drove improvements in email engagement
- Integrated with industry-leading external services, SendGrid and MoEngage, through webhook APIs to seamlessly track and analyze email events
- Automated push notifications in test environments by integrating with Amazon SNS, improving testing efficiency and ensuring robust communication capabilities
- Executed new communication features and enhancements focused on growth/retention using **Ruby** and **MongoDB**
- Collaborated extensively across teams from understanding business requirements and gathering specifications to conducting thorough testing and closely monitoring releases

Software Engineer

Cerner Corporation

Kansas City, MO
February 2019–September 2020

- Implemented **Java** service transactions for maintaining user role profiles and designed **JUnit** tests to ensure seamless end-to-end flow
- Resolved a critical defect with launching applications while effectively collaborating and initiating communication across teams
- Provided client support by troubleshooting and resolving defects through a dedicated support page using **C#** and **C++**

Software Engineer - Full Stack Intern

Bright Cellars

Milwaukee, WI
May 2018–August 2018

- Designed and led an automated gift card printing tool using **PHP**, **ReactJS**, and **SQL**, improving overall efficiency by 500%
- Accomplished collaborative and diverse tasks, including SQL-based data insights and refactoring functionality into ReactJS

PROJECTS

Poshmark Wrapped

Poshmark Hackathon

Redwood City, CA
October 2021

- Led a 10-person team in creating an in-house version of Spotify Wrapped, an annual compilation of user activity data
- Worked closely with data teams to import and store user stats, while designing an efficient database schema
- Produced and presented a functional prototype utilizing test data to the engineering team

SearchMe

Cerner's ShipIt Hackathon

Kansas City, MO
February 2020

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

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**
- Ensured comprehensive unit testing for code coverage using **RSpec** and provided constructive code reviews prior to release

EDUCATION

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

December 2018

TECHNICAL SKILLS

Languages: (*proficient*): Ruby, Python, MongoDB, HTML, CSS/SCSS (*familiar*): Java, JavaScript, C/C++, C#, SQL (*novice*): CCL
Frameworks and Tools: Cucumber, Ruby on Rails, RabbitMQ, Sidekiq, Rspec, JUnit, Git, Jenkins, Scrum (Agile)