KATHY CHERN

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WORK EXPERIENCE

Senior Software Engineer II Redwood City, CA
Poshmark September 2020–Present
- Led the design and implementation of various 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 selectively receive updates from their followings, including those with millions of followers
- Worked on a multi-iteration comms 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
- 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 Kansas City, MO
Cerner Corporation February 2019–September 2020
- Implemented **Java** service transactions for maintaining user role profiles and designed **JUnit** tests to ensure seamless end-to-end flow
- Provided client support by troubleshooting and resolving defects through a dedicated support page using **C#** and **C++**
- Resolved a critical defect with launching applications while effectively collaborating and initiating communication across teams
- Enhanced and tested a Call For Proposals **Ruby on Rails** webapp for Cerner's internal conferences

Software Engineer - Full Stack Intern Milwaukee, WI
Bright Cellars May 2018–August 2018
- Designed an automated gift card printing tool using **PHP**, **ReactJS**, and **SQL**, improving overall efficiency by 500%
- Led the project from initial design planning to completion with cross-team collaboration
- Accomplished diverse tasks, including SQL-based data insights and refactoring functionality into ReactJS

PROJECTS

Poshmark Wrapped Redwood City, CA
Poshmark Hackathon 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 Kansas City, MO
Cerner's ShipIt Hackathon 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 Kansas City, MO
Cerner's DevAcademy Project 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

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EDUCATION

University of Illinois at Urbana-Champaign December 2018
Bachelor of Science, Computer Engineering

TECHNICAL SKILLS

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