Katie Ko

(224) 433-1053 • Chicago, IL • katieko2@illinois.edu • linkedin.com/in/ktko

EDUCATION

University of Illinois at Urbana-Champaign | BS in Computer Science   August 2016 - May 2020

EXPERIENCE

Software Engineer II   July 2020 - Present
JPMorgan Chase & Co | Chicago, IL

- Migrating alert & subscription-based endpoints from decommissioned internal service into team repository
- Implementing and optimizing business logic of migrated endpoints
- Writing unit tests and performing end-to-end testing using SoapUI and Splunk to verify functionality
- Leading team members through migration workstream and collaborating within an agile ecosystem
- Resolving dependency vulnerabilities in team projects and validating integration through testing
- Mentoring software engineers earlier in their career to grow technically and professionally
- Participating in virtual college career fairs to interview and speak with students
- Contributing to the organization of internally hosted Girls Who Code bootcamps

Software Development Engineer Intern   May 2019 - August 2019
Amazon | Seattle, WA

- Built web application with internal Java Spring-based framework based off of deprecated Python-based internal tool for scalability & reusability of services
- Setup pipeline & environment for application, created AWS S3 accounts for application's data storage, and became familiarized with different internal frameworks/services used for project
- Implemented Frontend and Backend of a feature in internal tool using jQuery, Bootstrap, and Java

Technology Analyst   June 2018 - August 2018
JPMorgan Chase & Co | Chicago, IL

- Worked on newly released mobile application for suppliers using React JS, JavaScript, Java, and Cordova Apache
- Implemented biometric features such as fingerprint authentication, facial recognition, and iris scanning by integrating Cordova plugins
- Created proof-of-concept for NFC implementation within the application
- Worked toward making application compatible to both Android and iOS platforms while becoming familiarized with the Cordova framework
- Fixed and redesigned UI alongside user-experience professional
  - Made decisions for layout of page features and created new pages for NFC implementation and fingerprint authentication

Software Engineer Intern
Capital One iDCL | Champaign, IL   August 2017 - December 2017

- Worked on an ongoing web project mainly focused on Front-End Development using Ruby on Rails
- Project aimed to optimize and renovate the internal budgeting tool for Capital One administrators in need to keep track of company's resources
- Built a button where its function was to take existing employee records' data and make a duplicate resource record in the system that was editable; the button also managed different conditions associated to specific attributes that were being changed

Technical Skills

Java – *5+ years of experience*	Advanced
Functional Programming – *Used in current job*	Intermediate
Python – *2+ years of experience; used for personal programming*	Proficient
Spring Framework – *2+ years of experience through internship and current job*	Proficient
API/Back-End Development – *2+ years of experience through internship and current job*	Proficient
SOAP endpoints – *Used in current job*	Intermediate
Unit & E2E Testing – *Done regularly in current job*	Proficient