KATIE KO

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EDUCATION

University of Illinois at Urbana-Champaign   Urbana-Champaign, IL
B.S in Computer Science – May 2020
Cumulative Unweighted GPA: 3.4
Relevant Coursework:

CS 126 : Software Studio Design	CS 374 : Algorithms & Models of Computation
CS 173 : Discrete Structures	CS 357 : Numerical Methods
CS 225 : Data Structures	CS 411 : Database Systems
CS 233 : Computer Architecture	CS 465 : User Interface Design

WORK EXPERIENCE

JPMorgan Chase & Co   *Summer Tech Analyst*   Chicago, IL
Summer 2018
- Worked on a newly released mobile app for suppliers using React JS, JavaScript, Java, and Cordova Apache
- Optimized performance, implemented biometric features such as fingerprint authentication, facial recognition, & iris scanning by integrating Cordova plugins, and created a proof-of-concept for NFC implementation within the application
- Worked toward making the application compatible to both Android and iOS platforms while getting familiarized with the Cordova framework
- Fixed and redesigned UI alongside a user-experience professional; made decisions on the layout of page features and created new pages for NFC implementation and fingerprint authentication

Capital One iDCL   *Software Engineer Intern*   Champaign, IL
Fall 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

ACT Summer Class   *Teacher Assistant*   Deerfield, IL
Summer 2016, 2017
- Proctored/graded practice tests, designated class work in ACT workbooks during 3-hr class sessions while supervising the students
- Organized test files, recorded scores in Excel sheets that included graphs of students' progress, taught/prepped students for the ACT Math portion to help students improve test scores [by an average of 6 points]

TECHNICAL SKILLS

Java: Advanced – Over 2 years of experience with this language
C++: Proficient – Semester course taken with this language
Android Studio: Proficient – Over 1 year of experience with this application
JavaScript: Intermediate – Used during Summer Internship
React JS: Intermediate – Used during Summer Internship
Ruby & Rails: Familiar – Used in Fall Internship

ACTIVITIES

NU BuildHer Hackathon
April 2017   *Participant*   Evanston, IL
- Interacted with fellow female coders in Chicago's first ever all-women's hackathon
- Built a mobile app using Android Studio and different plugins to create a user-friendly budgeting tool targeting young college students; tracked what type of expenses the user spent money on and sent alerts if user went above set budget