

KATIE KO

(224) 433-1053 | katieko2@illinois.edu | ktko.github.io

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 125 : Introduction to Computer Science

MATH 241 : Calculus III

CS 126 : Software Studio Design

CS 173 : Discrete Structures

MATH 415 : Applied Linear Algebra

CS 374 : Algorithms & Models of Computation

CS 225 : Data Structures

CS 233 : Computer Architecture

CS 465 : User Interface Design

CS 357 : Numerical Methods

STAT 400 : Statistics and Probability

CS 411 : Database Systems

Adlai E. Stevenson High School – Class of 2016

Lincolnshire, IL

Cumulative Unweighted GPA: 3.8

- ACT: 33 » Math: 36, Science: 31

TECHNICAL SKILLS

Java: Proficient – Over 1 year of experience with this language

C++: Proficient – Semester course taken with this language

Ruby & Rails: Familiar – Used in Fall Internship

Android Studio: Proficient – Over 1 year of experience with this application

JavaScript: Intermediate – Used during Summer Internship

React JS: Intermediate – Used during Summer Internship

WORK EXPERIENCE

JPMorgan Chase & Co

Summer Tech Analyst

Chicago, IL

Summer 2018

- Worked on a newly released mobile app for suppliers using React JS, Java, and Cordova Apache
- Optimized performance, fixed and redesigned UI, implemented biometric features such as fingerprint authentication, facial recognition, & iris scanning, and created a proof-of-concept for NFC implementation within the application
- Worked toward making the application compatible to both Android *and* iOS frameworks

Capital One iDCL

Software Engineer Intern

Champaign, IL

Fall 2017

- Worked on an ongoing project involving API construction, Front-End Development, and Cloud Computing
- Main language used was 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

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]

ACTIVITIES

NU BuildHer Hackathon

April 2017

Participant

Evanston, IL

- Interact with fellow female coders in Chicago's first ever all-women's hackathon