

# 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: 3.35

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 225 : Data Structures

CS 233 : Computer Architecture

CS 465 : User Interface Design

CS 357 : Numerical Methods

STAT 400 : Statistics and Probability

### 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 & XML: Proficient – Over 1 year of experience with this application

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

*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]

### Tutoring

*Self-Employed*

Buffalo Grove, IL

June 2014 – July 2016

- Personal jobs acquired over the school year and summers
- Taught Math, English, and Science to junior high students within my local community as a means to help improve their scores and integrate their academic level better with others in their grade

## ACTIVITIES

### NU BuildHer Hackathon

April 2017

*Participant*

Evanston, IL

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