

# Shivani Doshi

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## EDUCATION

### **Cornell Tech - Manhattan, NY | Master of Engineering**

Computer Science, Expected in 05/2021

- Continuing higher education with specialization in Security, Machine Learning & Programming Languages

### **University of California, San Diego - La Jolla, CA | Bachelor of Science**

Computer Science, Graduated in 06/2020

- Taken advanced classes, such as Data Structures, Artificial Intelligence, Computer Security & Principles of Programming Languages
- GPA: 3.55/4.00

## WORK EXPERIENCE

### **CSE TUTOR | 09/2017 to 12/2019 | University of California, San Diego - San Diego, CA**

- Student instructor for following 6 courses: Introduction to Java (CSE 8A & 8B), Basic & Advanced Data Structures & Object-Oriented Programming (CSE 12 & 100), Software Tools & Techniques (CSE 15L) & Programming Languages (CSE 130)
- Estimated input time: 100 hours per quarter

### **APPLICATION DEVELOPER INTERN | 06/2019 to 09/2019 | Workday Inc. - Pleasanton, CA**

- Built various REST API's using Workday proprietary language, XpressO, for bookkeeping software
- Estimated input time: 40 hours per week

### **QUALITY ENGINEERING INTERN | 07/2018 to 12/2018 | ServiceNow Inc. - San Diego, CA**

- Wrote automated Selenium tests, performed regular regression testing & wrote small-scale scripts
- Estimated input time: 20-40 hours per week

## PROJECTS

### **Roommate Engagement Needs Tool (RENT) App**

- Implemented database & server-side functionality for an application that organizes & maintains living arrangements between housemates
- Estimated input time: 10 hours per week

### **2048 AI Simulator**

- Created AI simulator for the 2048 game using simple expectimax algorithm to simulate moves & game outcomes to determine how to achieve highest scores
- Estimated input time: 8 hours per week

## SKILLS

- Skilled at Git, Selenium, JUnit, Android Studio, Jira and Agile software development
- Advanced skills in Java, C, C++, Python, Haskell, HTML, CSS, SQL, JavaScript & web development
- Western singing & song-writing & classical Indian *kathak* dancing

## ACCOMPLISHMENTS

- Selected amongst top 10 of 300 students for programming challenge that involved developing defense strategy for virtual gaming entity