

SHIVANI DOSHI

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[Github](#) | [LinkedIn](#) | [Website](#)

EDUCATION

Cornell Tech, New York, NY May 2021
Master of Engineering in Computer Science | GPA: 3.94
Simons Fellow Scholar

Relevant Coursework: Music Generation with Neural Networks, Recommender Systems for Online Relics of Digital Museums

UC San Diego, San Diego, CA June 2020
Bachelor of Science in Computer Science and Engineering | GPA: 3.56

TECHNICAL SKILLS

Coding Language:	Python, C++, C, Java, SQL, CSS, HTML, JavaScript, Haskell
Operating Systems:	UNIX, Linux
Other Tools:	Git, Jira, Agile Software Development, Selenium, JUnit, Android Studio

EXPERIENCE

InCore Semiconductors, Technical Intern, Chennai, India Aug 2020-Sept 2020

- Incorporated new parser for RISC-V Sail input files based off Spike parser
- Used basic Python scripting tools to fix bugs in the software

CSE Department at UC San Diego, CSE Tutor, San Diego, CA Sept 2017-Dec 2019

- Tutored over 100 students in the following subjects: Introduction to Java (CSE 8A & 8B), Basic & Advanced Data Structures & Object-Oriented Programming (CSE 12 & 100), Software Tools & Techniques (CSE 15L) & Principles & Paradigms of Programming Languages (CSE 130)
- Created quizzes, held weekly tutoring hours, led discussion sections and helped deal with basic organization

Workday Inc., Application Developer Intern, Pleasanton, CA June 2019-Sept 2019

- Built various REST API's using Workday proprietary language, XpressO, for bookkeeping software
- Worked with financial accounting team on project with limited preexisting knowledge and features
- Participated in project demonstration symposium to many members of the company

ServiceNow Inc., Quality Engineering Intern, San Diego, CA July 2018-Dec 2018

- Wrote multiple automated JUnit tests using Selenium framework
- Performed biweekly manual regression testing on numerous features of platform
- Wrote small-scale scripts for new weather application features

PROJECTS

Roommate Engagement Needs Tool (RENT) Application, (Python, SQL, JavaScript) Spring 2019

- RENT organizes & maintains living arrangements between housemates with tools for shared calendars, notepads and so on
- Implemented database & server-side functionality for application
- Built the back-end functionality for sending verification emails to registering users

PUBLICATIONS

Digging for Fold: Synthesis-Aided API Discovery for Haskell - <https://2020.splashcon.org/details/splash-2020-oopsla/81/Digging-for-Fold-Synthesis-Aided-API-Discovery-for-Haskell>

EXTRACURRICULAR ACTIVITIES

- 4-year trained Western singer-song writer; performed at mall inaugurations and starred in music videos
- Completed 9 years of professional *kathak* dance training; performed for annual celebrations and taught children aged 9-15 *kathak* basics

VOLUNTEER & COMMUNITY SERVICE

Rotary, Member, San Diego, CA Sept 2016-June 2017

- Volunteered to cook pancakes and distribute clothes to downtown San Diego homeless people
- Participated in club programs for peer engagement and team building