

Rishita Roy

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EDUCATION

UC SANTA CRUZ

Santa Cruz, CA

BS, IN COMPUTER SCIENCE

September 2015 - March 2019

Awards and Honors:

- Dean's Honors
- Regents Scholarship
- First Year Honors Program

Cumulative GPA: 3.85 / 4.0

Major GPA: 3.9 / 4.0

LINKS

Github:// [rishitaro](#)

LinkedIn:// [rishitaro](#)

COURSEWORK

Abstract Data Types

Analysis of Algorithms (Tutor)

Applied Machine Learning

Comparative Programming Languages

Computational Models

Computer Architecture

Data Programming for Visualization

Database Systems

Discrete Math (Course Reader)

Intro to Python Programming (Tutor)

Machine Learning

Operating Systems

Probability and Statistics

Software for Society

SKILLS

LANGUAGES

Proficient:

Java • Python • Ruby • Shell • JavaScript
• C • SQL •

Familiar:

LaTeX • Visual Basic

TOOLS, TECHNOLOGIES, FRAMEWORKS

Proficient:

RESTful services • Git • Jira • Scrum
• Bootstrap • Android Studio

Familiar:

Dropwizard • Amazon AWS • MySQL
• PostgreSQL

EXPERIENCE

GROUPON

SOFTWARE DEVELOPMENT ENGINEER

July 2019 - Present | Seattle, WA

- Currently working as a backend developer on Groupon's bookable marketplace initiatives in Ruby and Java.
- Previously worked as a full-stack developer on the Software Acceleration Team to implement various high priority and lucrative initiatives.
- Rated amongst top 10% of employees the past two years for my technical contributions, willingness to take ownership in projects, communication clarity, and more.

SOFTWARE DEVELOPMENT ENGINEERING INTERN

June 2018 - Sept 2018 | Palo Alto, CA

- Worked on the Booking team in Java to implement new web service to interface with and store availability from third party sources.
- Used Dropwizard based framework to create the vertical RESTful service to be used as the new basis for availability in the booking engine.
- All code was reviewed, perfected, and pushed to production.

UCSC ITS - RESIDENTIAL NETWORK

LEAD TECHNICIAN

Jan 2018 - Mar 2019 | Santa Cruz, CA

- Lead team of 33 student technicians, including hiring, training, scheduling, and mentoring of the ResNet team.
- Served as ResNet representative in the ITS department.

UCSC LEARNING SUPPORT SERVICES

TUTOR

Sept 2017 - Mar 2019 | Santa Cruz, CA

- Tutored for Introduction to Python Programming and Analysis of Algorithms.
- Held multiple tutoring sessions a week to supplement in class instruction and ensure student's understanding of class material.
- Created supplementary material to gauge and heighten student understanding.

HCI LAB @ UCSC

SYSTEMS DEVELOPER

Apr 2018 - Dec 2018 | Santa Cruz, CA

- Worked under the Emotional well-being research lab that uses machine/app feedback to look at mood and emotion perception
- Developed Android app to track and visualize biofeedback related to stress to use in quantitative feels psychology study.

INTEGRATED DIGITAL SOLUTIONS @ DIRECTV

SOFTWARE ENGINEERING AND QA INTERN

Jun 2017 - Nov 2017 | Los Angeles, CA

- Developed and integrated functionality track the latency of and application of closed caption cues for VCNS clips utilizing the REST API and Python.
- Wrote a set of scripts to analyze DirecTV NOW's video on demand service which identified an issue in CDN caching behavior.
- Provided live support for the VCNS service by monitoring different servers and troubleshooting issues as reported by the client during game days.