

NOOPUR KHACHANE

EXPERIENCE

Software Engineering Intern

Salesforce.com

June 2019 – September 2019 | San Francisco, CA

- Worked on Coolan, a data center analytics platform that provides asset discovery, component statuses, RMA automation, etc.
- Added various features to improve detection of logical drive and network interface failures, fan statuses, and more.
- Used **Java**, **Spring**, **Kafka**, **ANTLR** and **Kubernetes**

Software Development Engineering Intern

Amazon Web Services

June 2018 – September 2018 | Seattle, WA

- Worked on Amazon Connect, a Cloud-based contact center service part of AWS ecosystem.
- Instrumented microservices with AWS X-Ray to monitor health and track requests end-to-end.
- Used **Java**, **Spring**, and **Python**

Software Engineering Intern

General Atomics ASI

June 2017 – September 2017 | Poway, CA

- Contributed **Python** test scripts to code base used in automatic testing of trunk and release of Simulation software.
- Wrote scripts to test functionality of software including flight conditions of UAV model and simulated engine malfunctions
- Added features to source code in **C** based on software design requirements.

Undergraduate Researcher

Collins Biophysics Lab

June 2016 – Dec 2017

- Work in team of engineers involved in automating testing methods using **Arduino**, **Raspberry pi**, and LabView
- Fabricating a high throughput platform for testing planarian worms.
- Utilize imaging tools in **MATLAB** for image processing to analyze movement of planarian in response to stimuli

ACTIVITIES

Board Member

Society of Women Engineers

Oct 2015 – June 2018

- As Outreach Chair, plan events such as engineering workshops to teach high school students basics of engineering including soldering, using microcontrollers, etc.
- As Academic Chair, plan professional development and technical skill workshops in collaboration with companies and local engineering organizations for engineering students.

CONTACT



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noopsi.monster

EDUCATION

UC San Diego

BS Electrical Engineering

Graduating 2019

GPA: 3.8/4.0

UC San Diego

MS Electrical Engineering

Focus: Machine Learning and Data Science

Graduating 2020

COURSEWORK

Intro to Autonomous Vehicles

Python for Data Science

Software Engineering Foundations

Probability and Statistics

SKILLS

Python + Tensorflow + Keras

C/C++

Java

MATLAB

PROJECTS

VQA – Built neural network for visual question answering with LSTM for language path and various popular CNN for image path.

Autonomous RC Car - Put together car controlled by Raspberry Pi based on DonkeyCar framework with Pixhawk controller.