

Rishikesh Hirendu Vaishnav (Rish)

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Github: <https://github.com/rish987>

EDUCATION

University of California, San Diego; San Diego, California

Bachelor of Science, Computer Engineering; December 2018 (expected) GPA: 3.94

RELATED

COURSEWORK

SKILLS

Languages: Proficient with Java, Python, L^AT_EX. Experience with C, C++, Javascript, BASH, Matlab, SQL.

Libraries: Proficient with PyTorch, TensorFlow, CUDA, NumPy.

Applications: Proficient with Vi/Vim, IntelliJ IDEA, Eclipse, Git, MySQL.

Knowledge: Working knowledge of statistics, calculus, linear algebra, machine learning models, reinforcement learning.

EXPERIENCE

Undergraduate Researcher

UC Scholars Program, UC San Diego

Academic Enrichment Program

June 2018 - August 2018

La Jolla, CA

Under the guidance of professor Sicun Gao, Studied state-of-the-art techniques in the field of reinforcement learning, including Trust Region Policy Optimization and Proximal Policy Optimization. Researched aspects of these algorithms that could lead to mathematical imbalances. Work still in progress. Incomplete paper available here:

https://github.com/rish987/Reinforcement-Learning/blob/master/projects/dynamic_clipping/report/report.pdf

Software Engineering Intern

ServiceNow

June 2017 - September 2017

San Diego, CA

Developed database-related software for an ITSM web application using knowledge of Java, Javascript, and MySQL. Developed source code, debugged existing problems with the aid of the IntelliJ IDE, and wrote unit and integration tests.

Tutor

UCSD CSE Department

September 2016 - December 2017

La Jolla, CA

Practiced professional communication and teaching skills by explaining computer science concepts to students and helping them with the debugging process. Responsible for grading of homework assignments/quizzes.