Lakshmi S. Menon

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Professional Summary

Motivated student, eager to learn more about cognitive science, particularly its scope in machine learning and data science

Skills

- Java
- Python
- MATLAB
- Microsoft Office
- Tutoring

Work History

Research Assistant   January 2018 - Present

Cognitive Neuroscience Laboratory, UC San Diego

- Implement machine learning methods in brain-computer interface software for real-time independent component analysis of EEG data
- Conducting EEG testing and neurofeedback training on participants

Triton Achievement Partner - Math Tutor   July 2017 - Present

Teaching + Learning Commons, UC San Diego

- Worked with undergraduate students to foster a better understanding of course material in Calculus and Pre-Calculus
- Identified difficult topics and communicated them to supervisor to develop more targeted teaching

Undergraduate Intern   April 2017 - June 2017

Dorrestein Lab Bioinformatic Squad, UC San Diego

- Worked with a team of 7 undergraduate students to program new modules for the MZMine2 application, making it easier for users to export mass spectrometry data to online databases
- Gained insight into team collaboration, Java programming, GitHub

Education

Pursuing Bachelor of Science- Cognitive Science
University of California, San Diego

Expected Graduation: June 2020

- Specialization in Machine Learning and Neural Computation, Minor in Mathematics
- Current Cumulative **GPA 3.976** (from the completed 106 units out of required 180 units)

Organizations

- **Indian Student Association**
  - Project Lead   October 2016 - June 2017
    - Worked with core team to organize events catered towards the Indian community at UC San Diego, gained experience in collaboration, event management, and fundraising
    - Elected Secretary for the 2017-2018 year
  - Secretary (2017-2018)   June 2017 - Present
    - Attended weekly meetings and prepared meeting minutes to help team members have easy access to a record of discussions and decisions made

Relevant Coursework

- Data Science in Practice, Design of Everyday Things
- Neurobiology of Cognition; Research Methods and Statistical Analysis,
- Calculus, Linear Algebra, Mathematical Reasoning, Probability