# Vivek Adarsh

## Contact

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## Education

**University of California, Santa Barbara**
*Doctor of Philosophy (Ph.D.), Computer Science* **Expected: June 2022**

**University of Pune**
*Bachelor of Technology (B.Tech), Electrical Engineering* **June 2016**

## Work Experience

**Research Associate Intern - Hewlett Packard Labs** **Jun 2020 - Sep 2020**
Summer intern with the Networked Systems Group
(Networking, Mobility & IoT Labs)

**Research Intern - LogMeIn Inc.** **Jun 2018 - Sep 2018**
Predicting cloud infrastructure failures and automated troubleshooting using DeepLearning models.

**Research Intern - NVIDIA Singapore** **Jan 2015 - Apr 2015**
Automated extraction and conversion of unstructured video metadata to structured data (U2S) using parallel computing (Pascal architecture).

## Refereed Publications

[1] **Packet-level Overload Estimation in LTE Networks using Passive Measurements**
**Vivek Adarsh**, Michael Nekrasov, Ellen Zegura, Elizabeth Belding.
Proceedings of the Internet Measurement Conference (IMC '19).
October 2019, Amsterdam, Netherlands

[2] **MPTCP Performance over Heterogeneous Subpaths**
**Vivek Adarsh**, Paul Schmitt, Elizabeth Belding.
IEEE 28th International Conference on Computer Communication and Networks (ICCCN). August 2019, Valencia, Spain

[3] **#Outage: Detecting Power and Communication Outages from Social Networks**
Udit Paul, Alex Ermakov, Michael Nekrasov, **Vivek Adarsh**, Elizabeth Belding.
Proceedings of the World Wide Web Conference (WWW '20).
April 2020, Taipei, Taiwan

[4] **Evaluating LTE Coverage and Quality from an Unmanned Aircraft System**
Michael Nekrasov, **Vivek Adarsh**, Udit Paul, Esther Showalter, Ellen Zegura, Morgan Vigil-Hayes and Elizabeth Belding.
IEEE 16th International Conference on Mobile Ad Hoc and Sensor Systems (MASS). November 2019, Monterey, California

## Other Projects

- **Towards Identifying Concept Sections in Discharge Summaries using DeepLearning Models**
  - Using MIMIC III dataset, we evaluated our model on BiLSTM with class imbalance (accuracy: 71.3%), BiLSTM w/o class imbalance (accuracy: 68.4%) and SVM (baseline, accuracy: 61.2%).