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**EDUCATION** **University of California, Santa Barbara**  
*Doctor of Philosophy (Ph.D.), Computer Science* **Expected: June 2022**  
GPA: 4.0/4.0

**University of Pune**  
*Bachelor of Technology (B.Tech), Electrical Engineering* **June 2016**  
GPA: 9.14/10

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**WORK EXPERIENCE** **Research Associate Intern - Hewlett Packard Labs** **Jun 2020 - Sep 2020**  
Networked Systems Group | Supervised by Dr. Puneet Sharma  
Project - SARAS: Intelligent Edge Acceleration using SmartNICs  
(*Won the Best in Class Intern competition among 400 participants*)

**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).

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**REFEREED PUBLICATIONS**

- [1] **Too Late for Playback: Estimation of Video Stream Quality in Rural and Urban Contexts**  
Vivek Adarsh, Michael Nekrasov, Udit Paul, Alex Ermakov, Arpit Gupta, Morgan Vigil-Hayes, Ellen Zegura, Elizabeth Belding.  
*To appear in the Passive and Active Measurement Conference (PAM '21).*
- [2] **Estimation of Congestion from Cellular Walled Gardens using Passive Measurements**  
Vivek Adarsh, Michael Nekrasov, Udit Paul, Elizabeth Belding  
*To appear in the IEEE Transactions on Mobile Computing.*
- [3] **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**).
- [4] **#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**).
- [5] **MPTCP Performance over Heterogeneous Subpaths**  
Vivek Adarsh, Paul Schmitt, Elizabeth Belding.  
IEEE 28th International Conference on Computer Communication and Networks (**ICCCN '19**).
- [6] **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 '19**).