The CDC in its efforts to help students prepare better for the placement process would like to hear your views on different relevant aspects. Would you be willing to spare 2 minutes of your time to fill this form.
This survey is completely optional. That being said, the results of the survey will have an impact on how CDC helps students prepare in future years. If you do choose to fill it, we would urge you to be honest in your answers, after reading, weighing and analysing all options. We promise it won't take more than 2 minutes of your time. Your identity will not be revealed publicly.

- ○ Yes
- ○ No

View applied Resume

Company : Adobe

Job Profile

Form Type	Stipend per month	Additional Criteria	CGPA Cut-off
INTERNSHIP	100000 INR [100000]		0.0

Job Description

Media and Data Science Research Labs Digital Experience Cloud Adobe India dobe Digital Experience Cloud's mission is to transform how businesses compete. We offer a collection of best-in-class solutions for marketing, analytics, advertising and commerce, integrated on a cloud platform. We manage over 233 trillion transactions per year and handle over 35 petabytes of data every quarter. At the Media and Data Science Research (MDSR) labs, we work on fundamental and applied research problems relevant to the Experience Cloud. Our research focus spans Computer Vision, Natural Language Understanding and Data Science, often in an interdisciplinary manner. We also work on foundational questions related to AI and deep mathematical areas. All intern projects at Adobe India MDSR are expected to make a novel contribution to a research area and result in a publication or patent applications. A patent filing carries a significant monetary reward (Patent bonus for a single patent at Adobe is USD 7000). The lab has over 150 filed patents. We have published research papers with our interns at some of the most prestigious conferences in Machine Learning, Artificial Intelligence, Computer Vision and Natural Language understanding. Some recent publications are listed in the next page. Many of our projects culminate into features for Adobe products. Here are a few contributions over the last 2 years that have made it to the news: We are looking to hire people with a passion for science and technology, especially, Computer Vision, Machine Learning, Natural Language Understanding, Data science or Mathematics for research internships with the MDSR, Noida team. Contact us at kbalaji@adobe.com if you are interested. A We are hiring! Requirements: • Pursuing BTech/ MS/PhD in Computer Science/Mathematics or related fields • Excellent computer science fundamentals Nice to have: • Experience with Tensorflow, Pytorch, and/or • Experience with Spark, large scale data processing. Contact: kbalaji@adobe.com • ProjectClothesSwap – Image Based Virtual Try On • ProjectBonVoyage – Live Journey Insights • ShapeVis-Topological Data Analysis for Audience Segmentation AI • Document Image Segmentation in Adobe Experience Manager Forms • Currency Optimization • Product Recommendations and Media and Data Science Research Labs Digital Experience Cloud Adobe India Selected Recent Publications Intern contributors starred and in bold • Attributional Robustness Training using Input-Gradient Spatial Alignment Mayank Singh, Nupur Kumari, Puneet Mangla*, Abhishek Sinha, Vineeth N Balasubramanian, Balaji Krishnamurthy (ECCV 2020) • Retrospective Loss: Looking Back to Improve Training of Deep Neural Networks Surgan Jandial*, Ayush Chopra, Mausoom Sarkar, Piyush Gupta, Balaji Krishnamurthy, Vineeth Balasubramanian (KDD 2020) • Document Structure Extraction using Prior based High Resolution Hierarchical Semantic Segmentation Mausoom Sarkar, Milan Aggarwal, Arneh Jain, Hiresh Gupta, and Balaji Krishnamurthy (ECCV 2020) • SimPropNet: Improved Similarity Propagation for Few-shot Image Segmentation, Siddhartha Gairola*, Mayur Hemani, Ayush Chopra, Balaji Krishnamurthy, (IJCAI 2020) • Explain Your Move: Understanding Agent Actions Using Specific and Relevant Feature Attribution,Nikaash Puri, Sukriti Verma, Piyush Gupta, Dhruv Kayastha*, Shripad Deshmukh*, Balaji Krishnamurthy, Sameer Singh (ICLR 2020) • ShapeVis: High-dimensional Data Visualization at Scale, Nupur Kumari, Siddarth R., Akash Rupela, Piyush Gupta, Balaji Krishnamurthy (WWW 2020) • SieveNet: A Unified Framework for Robust Image-based Virtual Try-On Ayush Chopra, Surgan Jandial*, Kumar Ayush, Mayur Hemani, Balaji K. (WACV 2020) • Towards A Unified Framework for Visual Compatibility Prediction, Ayush Chopra, Kumar Ayush, Anirudh Singhal*, Utkarsh Patel*, Balaji K. (WACV 2020) • Charting the Right Manifold: Manifold Mixup for Few-shot Learning. Puneet Mangla*, Nupur Kumari, Mayank Singh, Abhishek Sinha, Balaji Krishnamurthy, V N Balasubramaniam. (WACV 2020) • Multi-Modal Association based Grouping for Form Structure Extraction, Milan Aggarwal, Mausoom Sarkar, Hiresh Gupta*, Balaji

Krishnamurthy (WACV 2020) • Powering Robust Fashion Retrieval with Information Rich Feature Embeddings Ayush Chopra, Abhishek Sinha, Mausoom Sarkar, Hiresh Gupta*, Kumar Ayush, Balaji K. International Conference on Computer Vision and Pattern Recognition 2019 Workshops CVPRW 2019 Best Paper Award. • OpticalGAN : Generative Adversarial Networks for Continuous Variable Quantum Computation, Nilay Shrivastava*, Nikaash Puri, Piyush Gupta, Balaji Krishnamurthy, Sukriti Verma (QTML 2019) • Harnessing the Vulnerability of Latent Layers in Adversarially Trained Models, Mayank Singh, Abhishek Sinha, Nupur Kumari, Harshitha Machiraju, Balaji Krishnamurthy, Vineeth N Balasubramanian, (IJCAI 2019)

Selection Process

Resume,Online/Offline test (Max 30 mins)

Allowed Departments and degrees

COMPUTER SCIENCE AND ENGINEERING

B.TECH --- COMPUTER SCIENCE & ENGG. (B.TECH 4Y)

DUAL DEGREE --- COMPUTER SCIENCE & ENGG. (M.TECH DUAL 5Y)

ELECTRICAL ENGINEERING

B.TECH --- ELECTRICAL ENGG. (B.TECH 4Y)

B.TECH --- INSTRUMENTATION ENGG. (B.TECH 4Y)

DUAL DEGREE --- ELECT.ENGG. CONTROL SYSTEM ENGG.(M.TECH DUAL 5Y)

DUAL DEGREE --- ELECT.ENGG. DUAL DEGREE IN ANY SPL.(M.TECH DUAL 5Y)

DUAL DEGREE --- ELECT.ENGG. INSTRUMENTATION AND SIGNAL PROCESSING ENGG.(M.TECH DUAL 5Y)

DUAL DEGREE --- ELECT.ENGG. MACH. DRIVES & POWER ELECT.(M.TECH DUAL 5Y)

DUAL DEGREE --- INSTRUMENTATION AND SIGNAL PROCESSING ENGINEERING(M.TECH DUAL 5Y)

DUAL DEGREE --- INSTRUMENTATION ENGINEERING/CONTROL SYSTEM ENGINEERING(M.TECH DUAL 5Y)

ELECTRONICS AND ELECTRICAL COMMUNICATION ENGG.

B.TECH --- ELECTRONICS & ELEC. COMM.ENGG. (B.TECH 4Y)

DUAL DEGREE --- ELECT.&ELEC.COM.ENGG.DUAL DEGREE IN ANY SPL.(M.TECH DUAL5Y)

DUAL DEGREE --- ELECT.&ELEC.COM.ENGG.MICROELECTRONICS & VLSI DES.(M.TECH DUAL5Y)

DUAL DEGREE --- ELECT.&ELEC.COM.ENGG.TELECOMM SYSTEM ENGG.(M.TECH DUAL5Y)

DUAL DEGREE --- ELECT.&ELEC.COM.ENGG.VISUAL INFORMN. & EMBEDDED SYS.(M.TECH DUAL5Y)

MATHEMATICS

M.SC(5YR) --- MATHEMATICS & COMPUTING (M.SC. 5Y)