
Zane Cooper

University of California Berkeley - Haas School of Business

Director of Research Computing

I support People:

- Faculty (250)
- Ph.D. Students (90)
- Master of Financial Engineering Students (120)
- Other Graduate Students (?)
- Research Centers & Institutes (15)

and Infrastructures (and maintaining their apps, packages, libraries, etc.):

- HPCC (CentOS, RHEL)
- Windows Terminal Server Cluster
- Hadoop/Impala Clusters
- GPU Computing
- Kubernetes/Docker Cluster
- VMWare Cluster
- AWS Services
- BRC Analytic Environment on Demand (multiple departments)
- Network Storage Systems using NFS, CIFS, SMB

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Challenges:

- Keeping up with the diversity and depth of what I support
- Staying current with emerging technologies and trends
- Funding for services and resources
- Designing hybrid On-premise/Cloud solutions
- Research Data Acquisition, Curation, Archive