Patrick M. Wendell

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EDUCATION

U.C. BERKELEY, Berkeley, CA   *Entering 2011*
   PhD candidate in Computer Science. Advisor: Ion Stoica.

PRINCETON UNIVERSITY, Princeton, NJ   *Class of 2011*
   B.S.E. in Computer Science, Summa cum Laude.
   G.P.A: 3.7/4.0

UNIVERSITY COLLEGE LONDON, London, England   *Class of 2011*
   Visiting student, Department of Computer Science, (Fall of 2009).
   G.P.A: 3.8/4.0

EMPLOYMENT EXPERIENCE

CONVIVA, INC SUMMER INTERNSIP   *Summer: 2011*
   • Designed and built distributed anomaly detection framework for online video delivery.
CLOUDERA, INC SUMMER INTERNSHIP   *Summer: 2010*
   • Implemented Dapper-style tracing capabilities for Apache's *Avro* RPC framework.
PRINCETON COMPUTER SCIENCE SUMMER INTERNSHIP   *Summer: 2009*
   • Paid research in networking and distributed systems under Professors Michael J. Freedman
     and Jennifer Rexford. Focus was on load-and-locality aware DNS-based server selection.
GOOGLE, INC SUMMER INTERNSHIPS   *Summer: 2004-5-6*
   • During 2004-2006, designed and built several internal applications for use by Google staff.
     Co-developed Tech-Talk database used to coordinate technical presentations across offices.

AWARDS, HONORS, AND ACTIVITIES

2012 MAYFIELD FELLOW, U.C. BERKELEY
   • One of nine fellows selected from all graduate programs for entrepreneurial fellowship.
2011 NATIONAL DEFENSE SCIENCE AND ENGINEERING GRADUATE (NDSEG) FELLOW
   • $150,000 fellowship; will support graduate study from 2011 to 2014.
2010 COMPUTING RESEARCH ASSOCIATION OUTSDANING UNDERGRADUATE AWARD
   • National award for outstanding research potential in an area of computing research.
CALVIN DODD MACCRACKEN SENIOR PROJECT AWARD
   • Awarded by Princeton School of Engineering. Recognizes the senior thesis or project work
     that is most distinctive for its inventiveness and technical accomplishment.
OUTSTANDING C.S. SENIOR INDEPNDENT WORK PRIZE
   • Awarded by Princeton Computer Science in recognition of outstanding independent research.
TAU BETA PI, ENGINEERING HONOR SOCIETY
   • Recognizes top students in Engineering Sciences. Elected to membership in October 2010.

PUBLICATIONS

Patrick Wendell and Michael J. Freedman. *Going Viral: Flash Crowds in an Open CDN*. In
Proc. ACM IMC Conference, pages 549-557, Berlin, Germany, November 2011

Patrick Wendell, Joe Wenjie Jiang, Michael J. Freedman, and Jennifer Rexford. *DONAR:
Decentralized server selection for cloud services*. In Proc. ACM SIGCOMM Conference, pages
231-242, New Delhi, India, August 2010

RESEARCH AND TECHNICAL BACKGROUND

   • Research interests: Data-intensive (cloud) computing, cluster computing, content distribution
   • Experience with: Hadoop, HDFS, MySQL, Apache, Linux, C, Java, Python, JavaScript,
     HTML, Django, Subversion, git, Perforce, Make, C++, Perl, Scala, TCP/IP

PERSONAL BACKGROUND

   Grew up in large household of six children. Fitness enthusiast. Outgoing and determined.