Hyunjung Park

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Education

2008–2014	Ph.D. in Electrical Engineering, **Stanford University** (research area: database systems)
2006–2009	M.S. in Electrical Engineering, **Stanford University** (concentration: computer hardware)
1999–2002	B.S. in Electrical Engineering, **Seoul National University**

Employment

2013/11–present Researcher, **Microsoft Research** — Redmond, WA
Conducting research on topics related to Microsoft Azure SQL Database, a multi-tenant relational database-as-a-service.

2008/9–2013/10 Research Assistant and Teaching Fellow, **Stanford University** — Stanford, CA
Designed and implemented systems for crowdsourcing structured data.
Designed and implemented a Hadoop extension for fine-grained data provenance support.
Taught and co-taught CS346 Database System Implementation in Springs 2010 and 2011.

Summer 2011 Research Intern, **Microsoft Research** — Redmond, WA
Developed an I/O performance isolation mechanism for co-located tenants in Microsoft Azure SQL Database.

Summer 2010 Research Intern, **Microsoft Research** — Redmond, WA
Developed an automatic, workload-driven method for defragmenting B+-tree indexes in Microsoft SQL Server.

Summer 2009 Research Intern, **IBM Research – Almaden** — San Jose, CA

Summer 2008 Software Engineering Intern, **Google, Inc.** — Seoul, Korea

2004/11–2006/2 Senior Software Engineer, **Naver Corporation** (formerly known as NHN) — Seongnam, Korea

2002/9–2004/10 Software Engineer, **Piolink, Inc.** — Seoul, Korea
Developed a high-performance layer-7 switch that transparently separates HTTP requests from TCP connections and routes those requests, in the linux kernel.

Awards

2010	Winner, ACM SIGMOD Programming Contest (building a distributed query engine)
2006–2011	Samsung Graduate Fellowship
1998	Silver medal, 39th International Mathematical Olympiad (IMO)

Selected Publications

2014   **H. Park** and J. Widom. "CrowdFill: Collecting Structured Data from the Crowd", *ACM SIGMOD International Conference on Management of Data*, Snowbird, Utah.

2013   **H. Park** and J. Widom. "Query Optimization over Crowdsourced Data", *39th International Conference on Very Large Data Bases (VLDB)*, Trento, Italy.

2011   **H. Park**, R. Ikeda, and J. Widom. "RAMP: A System for Capturing and Tracing Provenance in MapReduce Workflows", *37th International Conference on Very Large Data Bases (VLDB)*, Seattle, Washington. (Also presented in *Hadoop Summit 2011*, Santa Clara, California.)