

Aran Khanna

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Education

Harvard University

A.B. in Computer Science

Cambridge, MA
August 2012 -Present

Relevant coursework: Introduction to Linear Algebra and Real Analysis Fall 2012/Spring 2013, Microeconomic Theory Fall 2013, Introduction to Probability Fall 2013, Theory of Computation Fall 2015, Computer Science: Abstraction and Design Spring 2013, Data Structures and Algorithms Spring 2013, Operating Systems Spring 2014, Design of Usable Interactive Systems Spring 2014

Lakeside High School

Graduated with a GPA of 3.9
AP Scholar with Distinction, National Merit Finalist

Seattle, WA
August 2008-June 2012

Related Experience

Novus Partners

Software Development Intern

New York, NY
June 2014-August 2014

Interned at a financial data startup on a small team of engineers building a platform that consumes hedge fund data and provides quantitative analysis (exposures, position sizing etc.) Worked primarily in Scala on the data pipeline building out telemetry and more efficient data consumption processes, as well as frontend visualizations for the consumed data, leading to faster client onboarding.

Microsoft Corporation

Software Development Intern

Seattle, WA
June 2013-August 2013

Interned in the Windows Azure cloud services group, with the Fabric Fundamentals Team. Worked on an individual project in C# to develop a distributed data-mining and classification engine to automatically analyze and bucket the terabytes of operational data coming from the entire network. Additionally developed a deep understanding of distributed systems management, and engineering practices.

The Harvard Crimson

Circulation and Marketing Associate

Cambridge, MA
September 2012-January 2014

Working with Harvard's only daily newspaper to manage and build out the brand alongside circulation networks. Primarily working to improve the paper's online presence, developing for and maintaining thecrimson.com, which is based in the Django framework and regularly receives over one million hits per month. Additionally managed a team to build an online photo store for the crimson.

Harvard College Consulting Group

Analyst

Cambridge, MA
September 2013-Present

Worked on a monetization and marketing case for a popular blogging website, with a case team of six, to generate a comprehensive report of potential avenues for increasing subscriptions to the site and total revenue, with many of the recommendations around social media outreach implemented.

Targeted Growth Incorporated

Research Intern

Seattle, WA
June 2011-August 2011

Interned at a biotech startup working to genetically engineer a strain of cyanobacteria that could sustainably produce carbon neutral biofuels. Worked on an individual research project, under the guidance of Dr. Brett Kaiser, to elucidate the fundamental components of environmental stress responses in blue-green algae.

Technical Skills

Programming: Advanced C, Advanced Java, C#, OCaml, Scala, R, Matlab, Python, Haskell, PHP, Javascript, SQL, HTML, XML, CSS

Software Skills: Linux, Node.js, Git, Source Depot, MySQL, Microsoft SQL Server, Microsoft Excel, Power Point, Access

Language: Proficient in Spanish

Activities and Leadership Experience

Harvard Computing Society, Member

October 2012-Present

Rowing

2011-2012 Captain of Lakeside Varsity Crew Team

February 2009-December 2012

Elected to lead a team of 40 rowers through both fall and spring seasons. Rowed for Harvard lightweight crew in the 2012 fall season.

Volunteer Service

Seattle Children's Hospital, Volunteer

Seattle, WA
March 2010-August 2012