

EDUCATION

Stanford University

M.S. in Computer Science (Systems)

Advisors: Mehran Sahami, David Cheriton

B.S. in Computer Science (Systems)

Advisors: Philip Levis, Jerry Cain

RELEVANT COURSEWORK

cs140 Operating Systems (+TA)

cs240 Advanced Topics in Operating Systems

cs142 Web Security

cs193p iPhone programming

cs143 Compilers

cs199 Independent Research

cs144 Networks (+TA)

cs221 Artificial Intelligence

cs145 Databases

cs229 Machine Learning

cs148 Graphics

cs248 Interactive Graphics

cs161 Algorithms

cs249{a,b} Object Oriented Programming

cs109 Probability

cs244b Distributed Systems

INDUSTRY

KnowledgeTree, internet startup. *Founder, CEO/CTO*

Dec 2012 – Present

Empowering *anyone* to learn *everything*.

StartX, startup accelerator. *Entrepreneur In Residence*

Sep 2010 – Present

Advise and support tech startups in the program.

Loki Studios, seed-funded gaming startup. *CTO, Co-founder*

May 2010 – Dec 2012

Designing, engineering, publishing, and maintaining location based multiplayer mobile games.

Cooliris, KPCB-funded startup. *Software Engineering Intern*

Feb 2008 – Sep 2008

Internal web framework development, large-traffic website maintenance, and statistics gathering.

Verve Wireless, Mobile news startup. *Software Engineering Intern*

Summer 2007

Worked as one of the four full time developers on a java web application.

Anticancer, Inc, Biotech. *Research Intern*

Summer 2006

Designed and carried out own experiments for a cancer tumor targeting bacteria treatment.

ACADEMIA

Stanford University

Teaching Assistant and Section Leader

2008 – Present

Teaching assistant for undergraduate courses in computer science, including introduction to programming methodology, operating systems, computer networks, and startups.

CURIS – Phil Levis

Summer 2009

Summer research assistant for the Stanford Information Networks Group. Worked on wireless sensor network routing protocols (CTP).

CURIS – Monica Lam

Summer 2008

Summer research assistant for the Stanford PrPl Research Group. Worked on private data sharing, and applications of the PrPl protocol.

DRAMA

wAsted (Director, Author)

Sep 2008 – May 2009

Directed a company of writers and actors in devising an original full length play in response to T.S. Eliot's *The Wasteland*, as part of the Drama Department's main-stage season.

Other Recent Credits: *Specter* (Director), *Black Comedy* (Director), *In Darfur* (Actor)

PROGRAMMING KEYWORDS

Languages: C C++ Obj-C Python PHP Javascript Java Ruby Perl Matlab Scheme ASL SQL XML

Frameworks: Django, Smarty, CakePHP, Zend, Rails, Prototype, Scriptaculous, MooTools, Dojo

Other: GIT SVN MVN ANT Photoshop Flash CSS Apache Tomcat Lighttpd AppEngine EC2