

ZACHARY ADAM OZER

EDUCATION

June 2007

Massachusetts Institute of Technology, Cambridge, MA
Bachelor of Science in Computer Science and Engineering
Minor in Political Science

Relevant Coursework: Algorithms, Artificial Intelligence, Laboratory in Software Engineering, Computer Systems Engineering, Computation Structures, Structure and Interpretation of Computer Programs, Discrete Mathematics, Signals and Systems, Differential Equations, Electronic Circuits

June 2003

Keystone School, San Antonio, TX
Award for Most Active Senior, National Merit Commended Scholar, Advanced Placement Scholar with Distinction

WORK EXPERIENCE

Nov 2012 -
Present

Compass, New York, NY

Director of Engineering. Coordinated development work for all major engineering initiatives, working closely with product managers and executive team. Directly supervised frontend client engineering teams (iOS and web) and helped grow a combined product and engineering team of sixty. Introduced engineering best practices such as code review and daily distributed deploys, code review, formalized technical documentation, and sprints with retrospectives. Developed and executed a geographic expansion strategy for all products that included introduction of localization, domain migration, and a rebranding. Designed and implemented an ingestion pipeline for real estate listings, with distributed image thumbnailing and address normalization capabilities. Architected and maintained an application framework for APIs and HTML rendering in Flask.

May 2009 –
Nov 2012

LongTail Video, New York, NY

Developer. Authored JW Player for HTML5 and Flash. Designed JW Player JavaScript API and PNG skinning model. Created a scalable analytics system for product usage data. Enhanced player advertising platform and facilitated advertising partners integration. Developed player integration for Google Analytics. Coordinated documentation restructuring and revision. Promoted organizational mission within technical standards groups. Revitalized developer outreach and community building efforts.

July 2008 –
April 2009

ON Networks, Austin, TX

Senior Application Developer. Built advertising management system for video and online advertisement. Engineered a system for load balancing video transcode workflows across a heterogeneous computer cluster. Designed a new content management system for television metadata. Developed iPhone interface for television shows. Assisted with website overhaul, with special emphasis on visual identity and SEO strategy.

June 2007 –
July 2008

JPMorgan Chase, New York, NY

Business Analyst. Coordinated migration of users to the new market data system. Conceived and developed a real-time market modeling application. Learned to operate efficiently within a large organization. Award for exemplary employee from OMST leadership training program.

Summer 2006

Campusfood.com (GrubHub), New York, NY

Software Consultant. Launched a project to collect menus for every restaurant in the US. Overhauled customer relationship management database and interface. Upgraded accounting system.

SKILLS

Python, Flask, Thrift, Git, Amazon Web Services, Java, Hadoop, Lucene, jQuery, HTML5, CSS, MongoDB, MySQL, ActionScript, PHP, ASP, Perl, Regular Expressions, Ant, SVN, C, XML-RPC, XPath, XSLT, Spanish

PERSONAL INTERESTS

2008 – Present

IvyGate Blog, Technical Manager. Oversaw migration from MovableType, to Wordpress, to Jekyll.

2004 – 2007

The Tech, Chairman. Organizational head for MIT's oldest and largest student newspaper. Responsibilities included supervising approximately one hundred and fifty active staff and conducting managing board meetings. Brewing beer, Cooking, Cars, Travel