CONTACT

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OBJECTIVE

Seeking opportunities in rapidly developing technologies

EDUCATION & CERTIFICATION

BSc Electrical Engineering & Computer Science – GPA 3.84   2009 – 2010, 2012-2013
University of California, Berkeley
  □ Graduated in 2.5 years. Taking time off in middle

Microsoft Certified Professional, Desktop Support Technician   Since 2007

Sun Certified Java Programmer   Since 2007

WORK EXPERIENCE

Co-founder   December 2010 – June 2012
Flotype
  □ Founded, and built venture funded startup with two co-founders
  □ Participated in Y Combinator W11 class
  □ Raised $1.4 million in capital from top investors
  □ Conceived and engineered leading Node.js module *NowJS*
  □ Built *Now Cluster*, a distributed NowJS server
  □ Spoke about scaling techniques of Now Cluster at Node.js meetups in three cities
  □ Built *Bridge*, next generation cross-language RPC client
  □ Wrote distributed Erlang messaging server for Bridge with zero-downtime upgrades and horizontal scalability

Software Development Engineer Intern   June 2010 – August 2010
Amazon.com
  □ Designed, implemented, and deployed a metrics tool for an upcoming cloud product
  □ Created a service for persistence of metrics data accessible via a REST API
  □ Created a desktop application for analysis of archived metrics

Web Developer   June 2006 – January 2009
Artfibers
  □ Worked with designer to create online tools and implement complete ecommerce solution
  □ Managed offshore contractor to minimize project cost and maximize iteration speed

Intern   June 2008 – August 2008

Lawrence Berkeley National Lab
- Contributed to SuperLU software under direction of Sherry Li

TECHNICAL SKILLS

Extensive Experience
- Javascript, Node.js, Ruby, Java, Android SDK, HTML, CSS, Erlang, PHP, jQuery, MongoDB, MySQL
- Desktop and server assembly, maintenance and repair

Experienced
- Unix/Linux, Python, ActionScript, Python, Objective C, .NET, C, C++, C#, BASIC, Lisp, and more

Current Projects
- PeerJS – Peer-to-peer data in the web browser using WebRTC. http://peerjs.com
  o Most popular WebRTC framework to date
  o Designed various protocols and signaling server
- BinaryJS – High throughput binary WebSockets with Node stream API and binary serialization http://binaryjs.com
  o Created JSON compatible binary serialization format BinaryPack, for more efficient serialization than JSON while support raw binary data
- Many more projects shown on http://www.ericzhang.com

AWARDS & HONORS

- Founded Hackers@Berkeley, the largest computer science organization at Cal
- Facebook Cal vs. Stanford Hackathon 2011, 1st Plase for Ascam, ASCII video chat
- GDGT Live Seattle winner of pre-release developer phone for Windows Phone 7 app of Mixest
- Zynga Hackathon 2010 winner of Social Good award for Classberry
- Facebook Hackathon 2010, "Best Execution" for FriendMe, mobile geolocation social utility
- Yahoo HackU 2010 Competition, 3rd Place for Floverse, digital media browser
- Yahoo HackU 2009 Competition, 3rd Place for Encompassed, social media profile aggregator
- Member, Eta Kappa Nu, Mu chapter
- UC Berkeley, Regents & Chancellors scholarship
- Albany High, Bank of America Computer Science award