

Alexander Liu

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<http://www.projectclick.net>

Summary

Senior front end (FE) engineer with extensive experience in user interface (UI) development. Collaborates closely with design and product teams to create intuitive and attractive interfaces. Able to implement web pages and applications using semantic, cross browser HTML and progressively enhanced JavaScript. Also proficient in other front end topics such as accessibility, localization, and performance.

Technical Skills

Languages: Excellent in HTML, CSS, JavaScript
Proficient in PHP, Java, Objective-C, C++
Other: Adobe Photoshop, Adobe Lightroom

Professional Experience

Yahoo! Inc., Sunnyvale, CA

Front End Engineer, 2008 – Present

Managed FE development across many high profile Yahoo! properties as part of an internal consulting group. Focused on delivering high performance code and quick software development cycles.

- Participated in the highly selective **Juku** program, Yahoo!'s specialized UI program designed to standardize the understanding and use of front-end technologies across the industry
- Designed and implemented an "economic calendar" on Yahoo! Finance to help end users observe economic market trends over certain periods of time
- Contributed to the launch of the new 2009 Yahoo! home page (<http://www.yahoo.com>) re-design by architecting and owning development of the search box and search assist features ^[2]
- Served as co-architect and co-lead developer for Yahoo!'s social aggregation widget, which include deep Facebook, Twitter, and Zynga integration. The widget is featured prominently in both the Yahoo! Mail and Yahoo! Pulse products ^[3]
- Led, planned, and managed a team of front end engineers to successfully deliver the 2011 Yahoo! Maps AJAX API based on YUI3, utilizing a brand new modular architecture ^[4]

Visions into Action (VitA), Washington D.C.

Webmaster, 2008 – Present

Helped found VitA and lead the technical development of the VitA website (<http://www.vitacharity.org>). VitA is a non-profit charity organization that has donated tens of thousands of dollars towards global social causes.

Booz Allen Hamilton Inc., McLean, VA

Senior Consultant, 2007 – 2008

Led development of multiple projects as the lead visual designer/AJAX engineer. Introduced powerful front end clients to enhance the functionality of traditionally designed web applications.

- Led front end development for a GoogleMaps mashup web application, utilizing the Yahoo! UI (YUI) framework to maximize the effectiveness of its SOA based architecture
- Introduced AJAX and the concept of JavaScript oriented web clients in government contracts to better operate and manage government messaging systems
- Combined JSP/Java frameworks (Spring Web) with AJAX frameworks (YUI) to create web applications that are robust, intuitive, and visually appealing

AOL LLC., Dulles, VA

Software Engineer, 2004 – 2007

Developed in Boxely, a language derived from Mozilla's XUL, consisting of XML and heavily object oriented JavaScript.

Managed build distribution on AOL Configuration Management (CM) systems.

- Led UI development of the AOL Browser in the AOL OpenRide client, streamlining user interaction and creating new and innovative UI features unique to the software industry ^[1]
- Raised the standard for feature sets in free client software, contributing UI development to the AIM Triton instant messaging client, AOL Suite's Navigation Bar, and AOL Desktop Search
- Coordinated product packaging on CM build systems to improve internal sharing and distribution of applications by managing CVS repositories and writing build, build distribution, and local make scripts
- Participated in the selective **Project Infusion** (PI) initiative, a program designed to choose a dozen college graduates annually and place them in high profile projects to "infuse" the projects with much needed youthful thinking and creativity; also served as a peer mentor for following years' new PI hires

AOL LLC., Dulles, VA

Intern, 2003

Developed UI in FDO, a proprietary scripting language

- Led UI development for the AOL@School 8.0 client for the first two months
- Improved the toolbar look and feel with customizable styles on the AOL 9.0 client
- Assisted in detailed testing and debugging of the AOL 9.0 client

LENDIS Corp., McLean, VA

Webmaster, 2001

- Increased exposure to potential clients by designing and launching the company's first website

Kidz Online, Herndon, VA

Web Developer/Volunteer, 1999

- Designed and implemented various client websites to increase their business exposure on the Internet
- Hosted free classroom learning sessions to teach children how to use computers and design web content, giving them the tools and abilities needed to communicate using modern technology and the Internet

Education

M.S., Information Security and Assurance

George Mason University, 2008

B.S., Electrical Engineering

University of Virginia, 2004

Other

- Fluent in Mandarin Chinese
- Inactive Top Secret/SCI Government Security Clearance (US Citizen)
- Freelance photographer

Resources

1. [First Look: AOL's OpenRide Hits a Few Bumps](#)
2. [New Yahoo Home Page Tomorrow. Here's What It Looks Like](#)
3. [Yahoo Goes All In With Facebook: Here Are The Screenshots](#)
4. [Nokia and Yahoo! join forces: Yahoo Maps "powered by Ovi" and Ovi Mail and Chat to be branded as "powered by Yahoo!"](#)