

JEFFERSON HWANG
6344 Caminito Telmo, San Diego, CA 92111
jefferson.hwang@gmail.com • (305) 710-9313

EDUCATION

Washington University, Saint Louis, MO
Major: Computer Science

2008 - 2012

EXPERIENCE

Neustar Localeze

April 2015 - May 2018

Local search for enterprises and SMBs

Software engineer

- Design and architect the platform using C#/WebAPI/WCF, AngularJs, MySQL, Redis, and RabbitMQ
 - Migrated from polling services to event driven services (RabbitMQ)
 - Refactoring of legacy monolithic application to microservices
 - Migration from a legacy to a new underlying system
- Pioneered lightweight code review via Crucible and refined our SDLC process to help engineers save time - maximizing code quality, facilitating shared knowledge across the team, and mentoring junior engineers
- Architected and implemented disaster recovery and business continuity for the Localeze platform
- Built out automated test suite and framework: RESTful API correctness tests, user acceptance tests, and unit tests for both front-end and middle tier code
- Overhauled the build and deployment process using Jenkins, reduced deployment time from ~2 weeks to 30 minutes with zero downtime

MadCap Software

September 2012 – March 2015

Technical documentation software

Software Engineer

- Redesigned the HTML5 compiler to generate responsive, fluid, and 508 compliant output using Foundation 5, JavaScript/jQuery, HTML5, and CSS3 on the front end with C# and XML on the back end
- Implemented a real time Skin Editor allowing users to see live updates while styling their skins using WPF, XML, JavaScript, HTML5, and CSS3
- Improved client-side JavaScript search by decreasing total output size of search files by 50% and improving accuracy by over 500%

DUMA WORKS

July 2012 – August 2012

Social Job Network

Software Engineer

- Built a PDF resume generator using Django/MySQL

FanBox

May 2012 – June 2012

Web 2.0 company

Software Engineer

- Designed a video help center for new users – written in ASP.NET, JavaScript, jQuery with a C# and SQL Server 2008 back end
- Implemented a new email system using HTML and CSS on the front end, C# as an intermediate layer, and SQL Server 2008

LANGUAGES, FRAMEWORKS, TECHNOLOGIES, & ADDITIONAL PROJECTS

- *Additional Projects:*
 - Tag - iPhone app programmed in Objective C using Google App Engine (GAE) as a server
 - Penguins vs. Polar Bears – Video game written in Python using the game engine Panda3d
 - GRE test prep web app built with EmberJS, NodeJS and MongoDB
- *Languages, Frameworks, Technologies:* C#, MySQL, JavaScript, JQuery, HTML5/CSS3, AngularJs, EmberJs, Ninject, Redis, RabbitMQ, ASP.NET MVC, Web API, WCF, FrisbyJs, Chef, Jenkins, SpecFlow

ADDITIONAL INTERESTS

- Serving as a board member on a 501c3 nonprofit group, Taiwanese American Professionals
- Native proficiency in Mandarin Chinese
- Recreational sports interests include basketball, beach volleyball, and kickboxing