Eric Choi

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http://ericmchoi.dev

Full stack developer based out of Bellevue, WA looking for new front-end engineering opportunities.

Experience

Infrastructure Engineer   July 2014 - September 2017

Plum Voice @Boston, MA

- Architected and developed an internal provisioning website used to manage 10,000s of phone numbers and their complex relationships with customers, carriers, trunk lines, and more.
- Developed 10+ client IVR applications in PHP that automated complex tasks such as scheduling, payment processing, and customer support in 1000s of calls daily.
- Built a personal time off (PTO) tracking application used by a major airline to handle absence reports for over 3000 employees working at the PHX and DFW airports.
- Led effort to replace bare-metal infrastructure with oVirt-controlled virtual machines, improving redundancy and disaster recovery while lowering hardware costs.
- Implemented other infrastructure improvements such as LDAP authentication, Puppet configuration management, call quality monitoring, and high call volume regression testing.
- *Technologies used: PHP, bash, MySQL, C++, RHEL/Centos/Linux*

Technical Intern   August 2012 - July 2013

Plum Voice @Boston, MA

- Developed a monitoring website that tracks and visualizes call volume for 15,000 call channels in real-time to help identify call capacity issues earlier.
- Worked on a team implementing Angular controller components and API endpoints for web applications that make IVR applications more accessible to customers.
- Provided QA and support for IVR and web applications.
- *Technologies used: PHP, Javascript, JQuery, AngularJS, HTML, CSS*

Education

Harvard University   September 2009 - May 2014

B.A. Degree in Computer Science

Recent Projects

Dex by Daylight

Reference site written in React and Next.js, that allows users to quickly find and identify game related elements and mechanics.

Pokemon Team Extractor

A python program that uses Computer Vision (OpenCV) and OCR (Google tesseract) technologies to extract and parse info from game screenshots of Pokemon Sword and Shield.

Skills

Languages: HTML, CSS, Javascript, Typescript, Python, PHP, SQL, Bash
Frameworks: React, Next.js, Django
Tools: webpack, Babel, Figma, Photoshop