

# MARK ALAN HEDGES

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## SUMMARY

Solution-driven professional with 15+ years of experience in enterprise software engineering. Expertise includes relational database architecture, full stack development, and interactive data-driven web systems. Proven track record of collaborating with diverse teams and improving IT workflows while promoting a positive culture in work environments. Adept at cultivating relationships with team members and stakeholders while driving organizational growth.

**Core Competencies:** System Administration | Software Engineering | Database Architect | Workflow Engineering

## TECHNICAL EXPERTISE

**Media/Software:** Adobe (Photoshop, Illustrator, Premiere, InDesign) | Clip Studio Paint | Izotope | DaVinci Resolve | Avid Media Composer (Avid User Certification) | Movie Magic Scheduling, Budgeting & Production Accounting (Certification)

**Programming:** Perl | JavaScript | AppScript (Google Sheets) | Visual Basic (Microsoft Excel, LibreOffice macros) | Python | PHP | AJAX | REST APIs | Bash | Dart & Flutter

**Databases:** MySQL | MariaDB | Oracle SQL & PL/SQL | MS-SQL

## PROFESSIONAL EXPERIENCE

Weird Vibe Inc.

Los Angeles, CA

**Owner / Manager**

Apr 2016 – Present

- Launched and managed daily operations of a media and entertainment company; developed full cycle business planning
- Completed various creative projects, comic books endeavors, screenplays, and short films
- Produced graphic novel based on original screenplay while managing a team of 6 professional artists
- Performed desktop publishing art book layout in Adobe InDesign and performed editing in Photoshop & Illustrator
- Developed a cross-platform Android/iOS app with Google Flutter and Dart
- Self-taught Basic & Google App Script for office software macros and document generation
- Volunteered as Production Assistant on unattached pilot by Guy Noland (Viral Entertainment)

Software Paradigms Int'l (formerly Doubleprime, now SoftVision)

Los Angeles, CA

**Software Engineer**

Jun 2015 – Apr 2016

- Engineered Perl and JavaScript for international e-commerce websites of Estée Lauder's conglomerate brands
- Debugged Apache mod\_perl based backend scripts with in-house template framework and JSON based RPC calls
- Performed maintenance and adjustments of PHP Drupal content management system
- Wrote front-end JavaScript functions for dynamic address menus and to implement complex business rules for highly regulated international cosmetics industry
- Developed new version of profile photo upload compatible with Akamai caching using a comprehensive unit test framework

LiveNation / Ticketmaster

Los Angeles, CA

**Software Engineer**

Mar 2014 – Nov 2014

- Engineered Perl software in big data environment to streamline marketing e-mails with Apache web handler templates
- Implemented automated tests, Moose & Modern Perl in order to increase stability of legacy systems
- Wrote bash shell scripts to create a consistent user environment on virtual development servers
- Implemented use of git source control system for legacy Perl code with custom tools for reconciling legacy code deployments
- Implemented custom socket server to allow use of Kafka in legacy Perl version, to send data statistics to cloud servers
- Completed internal trainings on Hadoop, HDFS and Pig NOSQL systems used in newer systems

Qualcomm San Diego, CA  
**Software Engineer (Contractor)** Oct 2011 – Oct 2013

- Engineered Perl software to send disk space alerts in huge filer environment
- Created a Perl/Oracle application to crawl all file systems across the enterprise and identify projects to migrate to cold storage.  
**Notable tools included:** SNMP, XML, PL/SQL, APIs, NetApp, ZFS, Apache Test, LDAP, Active Directory, Moose
- Reimplemented C++ program in Threaded Perl to parse binary log streams from cell phone tower devices
- Led a frontend team to develop a complex Google Earth JavaScript demo of the Neighborhood Small Cells Project; developed in-house Model-View-ViewModel system using JSON RPC, D3.js, jQuery, and Qunit

Motorola Mobility Los Angeles, CA  
**Software Engineer (Contractor)** Jun 2011 – Sep 2011

- Maintained and enhanced legacy Perl/MySQL ETL regexp scripts for Key Performance Indicators (KPI) from subscriber phones

CompanyV.com Los Angeles, CA  
**Software Engineer / Systems Administrator** Apr 2008 – Jun 2011

- Engineered account database, system automation, and SpamAssassin control panel with Perl and JavaScript
- Performed customization/automation for openwebmail, mailman, sendmail, dovecot, etc.
- Maintained website of Academy of Motion Pictures ACES development group
- Led system administration of CentOS Linux (RedHat + yum package manager)

## PREVIOUS EXPERIENCE

Yahoo! | **Software Engineer (Contractor)** Mountain View, CA  
 RAND Corporation | **Software Engineer (Contractor)** Los Angeles, CA  
 CyberDefender | **Software Engineer** Los Angeles, CA  
 Warner Music Group | **Software Engineer (Contractor)** Los Angeles, CA  
 Oversee | **Software Engineer** Los Angeles, CA

## EDUCATION

Mount St. Mary's University | UCLA | LACC 2020 – Present  
 Coursework: TV/Film Writing, Production, and Post-Production GPA: 4.0

University of California, San Diego  
 Bachelor of Arts: Philosophy | Concentrations: Sci/Tech and Political Science

## VOLUNTEER EXPERIENCE

Reading to the Rescue!: Animal handler for L.A. Public Library Child Literacy Program 2019 – Present  
 Hollywood Food Coalition: Food prep and delivery 2021 – Present  
 Wrote Apache2::Controller fast Perl MVC system (Open Source Library) 2009 – 2012