



MP

MIKE PEREZ

SOFTWARE ENGINEER | github.com/mkprz

OBJECTIVE

To lead a software engineering team proactively and collaboratively. To grow team members according to their own defined career paths.

SKILLS

- Admin of various *nix server software including: MySQL, OpenVPN, Apache2, SeltzerCRM, and WordPress.
- Great at writing maintainable, modular code that can be dropped into new projects.
- Company's Go-To for troubleshooting JavaScript Rails, and SQL queries.
- Documents code, development guidelines, user manuals, user training slides, and customer requirements.

EXPERIENCE

2012-PRESENT • SOFTWARE DEVELOPER • INNERVENT

Introduced and maintained new product features including: real-time tracking of users' field subcontractors using javascript geolocation, always up-to-date Gantt charts, project templating and milestone tracking, online spreadsheets with formulas and conditional formatting, self-serve data admin features including flexible data import, user-defined safety checklists with conditional logic and user-defined vendor scorecards supporting metric adjustments by the user for each reporting time period. As sole Rails developer on a project, supported several satellite Rails projects. Wrote developer tutorials and guides for internal use with an end goal of developing the company's coding standards.

2006-2012 • SECURE SOFTWARE ENGINEER • RAYTHEON TCS (NOW FORECEPOINT)

Acquired TS/SCI Security Clearance. Developed desktop applications for the Trusted Solaris OS. Developed webserver technology to handle sensitive data within web requests and responses. Developed admin tools for Solaris with Trusted Extensions, and SELinux. Software engineer and Admin trainer for on-site installs at customer data centers around the world.

2004-2006 • BUSINESS ANALYST • MAZE TECHNOLOGIES

Collected and synthesized requirements for large Legacy-to-Enterprise projects. Enterprise Java J2EE and ASP.NET development. Perl scripting for internal software engineering tools.

2000-2004 • STUDENT GIS PROGRAMMER • TEXAS TRANSPORTATION INSTITUTE

Developed VB and C++ applications for traffic research



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PUBLICATIONS

2003 Yin-Tin Sun, Michael Perez
***Web-based CAD/CAM/CAE
Pedagogy Combining Domain-
Knowledge and e-Learning
Models with Bezier curve
Generation as a Case Study*** in
Industrial Engineering &
Management Systems

2003 Quiroga, Pina, and Perez
***Technical Report: GIS-based
Assessment of Highway
Network, Crash, and Traffic
Volume Data in the Laredo-
Nuevo Laredo Area*** sponsored
by Southwest Region University
Transportation Center

2002 Quiroga, Perez, Venglar
***Updated Tool for Measuring
Travel Time and Delay on
Arterial Corridors*** in
Proceedings of the 7th
International Conference on
Applications of Advanced
Technology in Transportation

EDUCATION

MAY 2015 • MS SOFTWARE ENGINEERING • ST. MARYS UNIVERSITY
Final Project: SOHO Router Configuration Wizard: a Python
Django web application interfaced to the CLIPS Expert System tool
and OpenWRT's Unified Config Interface (UCI).

JULY 2012 • GENERAL AMATEUR RADIO LICENSE • FCC
Call Sign: KF5QVO

DEC 2003 • BS SOFTWARE ENGINEERING • ST. MARYS UNIVERSITY
Final Project: Aggressive driving measuring tool using Windows
CE, iPharos GPS mobile unit, and ADXL202 accelerometer

VOLUNTEER EXPERIENCE OR LEADERSHIP

**2016-Present • VP of Education • Toastmaster Club #6457,
Texas Talkers, a President's Distinguished club**
Chairs club contests, responsible for club member education
and manages the club's mentor program

**2010-2014 • Founder/President/Website dev • 10BitWorks
Hackerspace San Antonio**
Registered 10BitWorks as an Educational 501(c)3 non-profit in
an underserved community. Developed paid membership on-
boarding system including e-commerce site for classes and
electronics within our WordPress website.



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