

# RICARDO RODRIGUEZ

*Educator • Technologist • Developer*

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Plantation, Florida

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## PROFESSIONAL SUMMARY

Highly experienced, certified Computer Science & Business Education teacher with over seven years of teaching experience at the 9-12 grade level. Extensive experience in technology focusing on desktop support, web development, systems administration, and digital design. An analytical, critical thinker able to organize and deliver focused technology curriculum in many areas of the IT industry, specializing in Open-Source Development. Strong communicator with interpersonal skills to enable building relationships with students in English and Spanish. Lifelong learner who keeps current with emerging technology trends, changing policies and procedures, and cutting-edge technology.

## PROFESSIONAL TEACHING EXPERIENCE

A proven, highly effective technology teacher in industry certification with results of 70% to 75% of tested students with IEPs and varying levels of reading, math, and science proficiency from level 2 through level 4. Named #1 top-level Canvas user for Broward County District in 2019. Named Teacher of the Month by students during January, March, April, and May 2022.

- Rated Highly Effective in i-observation (Last three years in row)
- Contributed to South Plantation A rating school score
- Developed Student tracking system for testing purposes
- Certified Computer Science/Business teacher 6-12, eligible to teach A.P. Computer Science
- One of three other schools in Broward County to initiate Artificial Intelligence courses
- CTACE passing rate of 70%-75% of tested students
- Extensive technology background (Adobe Products, Microsoft Products, HTML & CSS)
- Canvas top-rated user and Canvas Super User
- Technology Support Educator for colleagues and students
- Assisted colleagues with technical support and guidance to resolve technical issues
- Provided school wide technical support during various forms of testing

Provided Business curriculum to students ranging from 9th grade through 12th grade in Microsoft Office, Excel, and PowerPoint. Additionally taught Adobe InDesign, Photoshop, and Illustrator for Industry Certification with a proven passing rate of 80% or higher.

- Rated Highly Effective in i-observation
- Top-rated Canvas Super User
- Industry Certification passing rates of 80% or higher
- Provided Professional Development course on Canvas usage for educators
- Assisted colleagues with technology issues to support student passing rates in CTACE

## PRIVATE INDUSTRY EXPERIENCE

Developed new code and maintained existing code on multiple systems (RLP, DBS, and LCS). Administered multiple MySQL databases (4.0, 5.0) to streamline queries and manage database users.

- Integrated Real Local Pages with SuperPages API for click-through traffic
- Encrypted all credit card and ACH information in database
- Imported UK and AU data for lead generation purposes
- Created and implemented multiple cron jobs for data integrity and system account management
- Created interface for ISO accounts and implemented ISO reporting scheme
- Managed user accounts on Microsoft SBS and email accounts on Exchange server
- Provided technical support to non-technical staff members on as-needed basis
- Generated billing files for submission to ILD

Maintained and developed new features for proprietary CRM system in the Insurance Industry. With an active customer count of 30,000 members and over 160,000 leads, provided support to over 50 sales staff personnel.

- Developed and maintained PHP5 CRM and Lead Distribution System
- Created PHP5 CLI and Bash scripts for system automation
- Implemented dedicated hosting solution for PCI compliance and certification
- Resolved existing system bugs and tested new features before deployment
- Implemented ticketing system for bugs and new feature tracking
- Supported full staff with technical issues on as-needed basis
- Maintained and managed MySQL database, Apache Server, Unix environment

Developed and maintained proprietary PDF document retrieval system. Responsible for the automated download of thousands of PDFs on a daily basis. Mediated client relations and client integration to the BrokerBuddy API.

- Hands-on experience in Java OOD for main BrokerBuddy system
- Maintained and managed MySQL database
- Maintained all system hardware on a small server farm at COLO

- Designed and implemented web-based email campaign software in PHP5 for bulk emails
- Tested and certified BrokerBuddy Inc. main system software for mortgage loans
- Created PHP5, PERL and Shell applications for data collection
- Responsible for implementation of Asterisk PBX system
- Developed proprietary document retrieval software yielding in excess of \$12 million in additional revenue
- Implemented VOIP phone system saving the company over \$3,000 per month

## TECHNICAL SKILLS

### Programming Languages

### Operating Systems

### Databases & Software

### Security & Networking

### Artificial Intelligence

- PHP (4, 5.x) - Full web applications, CRM
- Python - System automation, Watir, Autot
- HTML, XML, XHTML, DHTML, CSS
- JavaScript (AJAX)
- Bash scripting
- Limited C & Java debugging
- Smarty Template Engine
- Sencha EXTJS 3.X
- Linux/Unix (12+ years experience)
- Fedora, CentOS, Red Hat
- Windows 95/98/NT/2000/XP/Vista
- Desktop support
- MySQL - Maintenance, tuning, optimization
- Apache/Tomcat HTTP/HTTPS servers
- Vi, VIM, Webbuilder, Zend Studio
- Putty, SecureCRT
- POP, IMAP, IMAPS
- SMTP (Postfix, Sendmail)
- Photoshop (5+ years)
- SVN version control
- LAN/WAN security, VPN, Firewalls (IPFilters)
- Encryption (PGP, GnuPG, SSL)
- SSH (v1, v2, OpenSSH)
- Network TCP/IP, UDP, ICMP troubleshooting
- Network maintenance and upgrades
- Router and switch experience
- Azure AI-900 Certified

## KEY ACHIEVEMENTS

- Developed and implemented proprietary document retrieval software yielding in excess of \$12 million in additional revenue
- Implemented VOIP phone system saving over \$3,000 per month
- Over 11 years developing personal and business-based web applications
- Strong skills installing, maintaining and administering Unix-based OS's (12+ years)
- More than 6 years of experience in system analysis, design, programming and testing business applications
- Designed and implemented website planning and optimization for search engines, accessibility and load speed
- Showed proficiency in leading co-workers while forming cohesive teams
- Over 15 years experience dealing with hardware & LAN/WAN network infrastructure
- Great verbal and written communication skills in both English and Spanish