Michael K. Brewer [http://](NULL)www.iHazCo.de/

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| Technical Skills | | |
| Stuff I know super well: | | | |
| * JavaScript * SQL * VBA | * MS Access * MS Excel | * HTML5 * Crystal Reports | |
| Stuff I am proficient in *(but could use more practice)*: | | | |
| * Node.js * C++ * Visual Basic | * Adobe Photoshop * Adobe In Design * CSS3 | * T-SQL * MS Visio | |
| Stuff I could fool some people into thinking I know *(but would really need some time to get up to speed)*: | | | |
| * Ruby * Git | * Oracle PL/SQL * MongoDB | * C# * Knockout.js | |

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| Professional Experience |

Programmer/Analyst III, Database Programmer

UCLA Health and School of Medicine Office of Compliance Services

* Compliance Tracking Database

Upgraded existing Access DB from 2003 to 2010 and then to SQL Server. I implemented major design improvements in both front-end and back-end, including reporting automation, user security and authentication, automated backups, and search function with automated keyword indexing.

Programmer/Analyst II, Developer and Help Desk Technician

UCLA General Services Information Systems

* Laboratory Safety Management System

Designed and Co-developed campus safety application which is used by over 800 principal investigators and 4400 labs campus-wide. Designed and developed mobile lab inspection app for safety inspectors in the field.

* Standard Operating Procedure (SOP) Database

Maintain a web based database of SOPs used in training of UCLA employees working in potentially hazardous environments.

* Overtime Tracking and Reporting

Under tight time and budget constraints, developed an innovative use of Excel to fulfill user needs not addressed by primary time and attendance system. Designed a single point of data entry for several Admin Assistant users to track overtime worked by hundreds of employees. I built a very friendly interface supported by expert use of VBA and advanced formulas.

* Police Department Biometric Security System

Assisted in the design and implementation of a biometric security system for the UC Police Department.

* Police Department Migration to Active Directory

Aided in discovery and documentation of department specific needs by reviewing all software usage and security requirements. Tracked upgrades of all workstations. Triage of incoming user issues during the upgrade process to ensure user satisfaction while staying on schedule with continued workstation replacements.

* Second tier support for over 150 servers and 750 workstations
* Oversight and instruction of part-time support staff

Programming Consultant

Hamlin Emory, M.D.

* Quantitative EEG Access Database (QEEG)

Tasked with modernizing an aging QEEG system into Access 2010 database. Developed procedure to import existing patient data text files. Designed novel interface that enables the user to utilize complex pre-defined queries for the filtering and export of patient data to Excel for statistical analysis. Developed automatic identification of patient clusters that share the same physiological anomalies and treatment-response patterns.

Programmer/Analyst I, Help Desk Technician

UCLA General Services Information Systems

* First tier support for over 150 servers and 750 workstations
* Tool Crib - Inventory management, purchasing, and rental system

Tasked with the overhaul of the Tool Crib system which tracks $730k tools and equipment used in over $100M campus-wide building, maintenance, and repair projects. Analyzed the existing system and generated a list of software requirements that established sustainable work flow processes that fulfilled campus auditing demands. I oversaw the integration of third party system with HR employee data and the purchase order system. I wrote the majority of the maintenance routines in MS Access while my teammates developed the integration routines in Oracle. I developed numerous reports using Access, Crystal, and Cognos. To this day, I continue to provide occasional insights into troubleshooting.

Web Master and Systems Developer

BidAmerica

* Public Construction Document Database

Built an MS Access application and website that allowed thousands of contractors to search for and view blueprints of public construction bids. I continually evaluated business processes and improved employee work performance through development of internal Access applications. Improvements in work flow and developed products increased company revenues four-fold.

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| Qualifications |

* IEEE Computer Society CSDA, 2011.
* 14 years of working experience as a programmer and a tech.
* Please view my website http://www.iHazCo.de/, where you will find many examples of my abilities.