314.494.8911 | abbott_nicholas@yahoo.com
github.com/crystalcoder
linkedin.com/in/nicholasabbott

NICHOLAS ABBOTT

Software Engineer

Seeking a Java software engineer position. Former web development experience in Perl/UNIX, HTML for an airline. Some experience with IBM DB2 SQL for government.

TECHNOLOGY PROFILE

Java, JUNIT, Android, Hadoop, Hibernate, Perl, C/C++, Visual C++, Visual Basic, Microprocessor
IBM DB2, Microsoft SQL Server, Microsoft Access
UNIX, Windows

TECHNOLOGY EXPERIENCE

Student - LaunchCode & St Louis University Workforce Development Center
- Created Java web applications with JSP, using Apache Tomcat in Eclipse for Windows
- Wrote HTML with CSS and Bootstrap
- Established connections to SQL Server with JDBC
- JUNIT testing
- JavaScript programming
- Used github repositories for Java programming
- Harvard CS50x Programming Contest, Rank: 400/650
- GlobalHack IV / V / VI, Masters of Code hackathon
- St Louis Java User's Group

Software Developer State of Missouri
- Wrote IBM DB2 SQL for Weatherization Project based on Logical Data Model
- Documented Microsoft Access Hazardous Waste application for Enterprise System Conversion Project
- Utilized JIRA Work Management tool to report work progress

Programmer Consultant TWA LLC
- Developed Perl/CGI Intranet applications for the Information Systems In-Flight Services Department
- Extensive use of HTML for Front End and some CSS for later projects
- Successfully modeled and created online Scheduler and converted Weekly email reporting to online
- Troubleshooting, debugging and testing performed during development

Programmer Consultant Jefferson Smurfit Corporation
Associate Analyst Tri-Cor Industries
Programmer Mehlville School District
Programmer Daffron & Associates
System/Analyst I St. Louis State Hospital

EDUCATION

B.S. Electrical Engineering   University of Missouri-Rolla   12/90

B.A. Mathematical-Computer Science Saint Louis University   05/82

CERTIFICATIONS

Software Development with Java   12/15
Saint Louis University Workforce Center

Object Oriented Development in Java   12/12
Center for the Application of Information Technology
Washington University School of Engineering

PROFESSIONAL EXPERIENCE

Software Developer State of Missouri St. Louis, Missouri   04/11 - 08/11
- Wrote IBM DB2 SQL for Weatherization Project based on Logical Data Model
- Executed Queries using Toad for IBM DB2
- Consolidated Tables, Reports and Queries into a single database for the Capital Improvement project
- Documented legacy Microsoft Access Hazardous Waste application

Customer Service Representative Convergys Corporation Arnold, Missouri   11/08 - 04/11
- Responded to and resolved requests for warranty replacement of AT&T wireless devices
- Stayed within call center performance metrics for the project
- Recognition and Rewards
    - Received four perfect JD Powers customer surveys
    - Received five bonuses from Blackberry for resolving customer issues
    - Received the only AT&T Letter of Commendation from the office of the President
    - Won a $50.00 financial incentive from the supervisor for highest team quality
    - Received AT&T Top Performer Award for 1st Quarter 2011: Quality - 97.86%;
      Total Resolve - 100%; and Availability - 88.38%

Staff Engineer Basilico Engineering, Inc. St. Louis, Missouri   10/01 - 11/08
- Extensive use of Microsoft Excel and other software to tabulate, summarize and prepare reports on
  geotechnical samples and field inspection data for Missouri Department of Transportation and
  Metropolitan St. Louis Sewer District projects
- Prepared hydraulic modeling diagrams using self-taught XP-SWMM or Hydraflow software
- Reviewed legal descriptions and easements from surveyor
- Administered and maintained email and internet accounts
- Troubleshot modem and DSL issues and installed disk drives

Programmer Consultant TWA LLC St. Louis, Missouri   04/99 - 09/01
- Developed Perl/CGI Intranet applications for a 3500 member Flight Attendant workforce
    - Employee Uniform Fitting Session Signup Scheduler, Lead Designer
    - Project/Task Entry Time Tracker, Converted manual system to online, Lead Designer
- Created Microsoft Access database and SQL queries to generate reports for rental computer
  equipment inventory, purchase order and invoice tracking
- Researched reusable aircraft loading diagram components using Object-Oriented Coding / XML

Programmer Consultant Jefferson Smurfit Corporation Alton, Illinois   07/97 - 09/98
Paper Products Manufacturer
- Performed full-life cycle development of system to automate entry of sales orders for engraving
  label-printing cylinders
- Performed full-life cycle development of system to track Purchase Orders by General Mills
  RFQ numbers electronically
- Designed, Coded and Tested Shop floor file purge system for archiving outdated shop floor files
- Maintained and Implemented RPG/36 Shop Floor and Accounting manufacturing programs

Associate Analyst Tri-Cor Industries O'Fallon, Illinois   01/96 - 12/96
- Data Mapped Air Mobility Command Passenger Reservation/Cargo COBOL Legacy System to target
  Relational Database Sybase GUI system
- Loaded Conversion Program Microsoft Access 2.0 Data Dictionary with Metadata for Global Air
  Transportation Execution System
- Followed Capability Maturity Model Software Development Guidelines
- Created sub-views of Logical Data Model using Logic Works Erwin 2.5.1
- Manual Tested proposed conversion package
- Proofread/Modified deliverables from technical writers, Microsoft Word 6.0