

# Edward Reid

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## Objective

Employment or contract in computer programming, computer systems analysis, or computer-related writing or documentation. Based in Tallahassee, Florida, local or telecommuting, with some travel OK.

## Skills

**Software, all aspects of development cycle:** design, analysis, programming, database design, testing and validation, and documentation. Large projects and small. Application and system software.

**Over 35 years experience** in software development and systems analysis.

**Excellent writing and communication skills.** Reporting, technology transfer, and documentation (internal and end-user).

**Problem solving** using flexible approaches to fit the problem and the environment.

**Flexibility** in using tools: experience with various computer systems and programming languages as well as those listed below.

**Technical team leadership.**

**Work well in a team or alone.**

## Tools

**Unisys MCP** (Libra/ClearPath NX/LX/A-Series) **applications and systems programming** for over thirty-five years. Excellent command of **ALGOL, FORTRAN, COBOL, WFL, DASDL, DMSII**, system commands and utilities, performance monitoring. Extensive knowledge of user interfaces and system internals.

Extensive knowledge of the **PostScript** language.

Hand-coded **HTML** and **CSS** for personal web site.

Basic knowledge of **SQL**.

**Productivity tools:** Strong knowledge of **Microsoft Office** use (Word, Excel, Access, PowerPoint). Basic knowledge of many other productivity tools, including Photoshop and Illustrator.

## Experience

**April 1983**

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**present**

**Contractor and consultant** on Unisys MCP application, system, and training projects. Self-employed except Dec 2002 – Mar 2003. Most projects from 1993-present as (sub)contractor to MGS Inc, a software company in Richmond VA. Major projects shown in entries below.

**June 2003**

**– Jan 2010**

**William O'Neil + Co (WON):** Multiple projects listed below (subcontract via MGS Inc and G Force). **Skills:** software development, database design, writing and communication, problem solving, technical leadership, working alone and in teams. **Tools:** ALGOL, COBOL, WFL, PostScript, SQL, productivity tools.

- **2006-2010:** support WON's migration from MCP to Windows, including extensive analysis of very old programs and technology transfer of results, plus modification of programs to support migration.

- **2005-2006:** Aid in WON's development of new publication, modifying old programs, developing PostScript framework, interfacing with print shop.
  - **2005:** Updated WON's Earnings Information subsystem to avoid a 25-year limitation. Sole analyst and programmer; project required updating about 100 programs.
  - **2004:** technical lead to convert WON's flat-file systems to Unisys DMSII database systems.
  - **2003:** software technical lead to convert WON's mainframe (MCP) system from 12-year-old hardware and 6-year-old software to current, supported hardware and software.
- Dec 2002**  
-  
**March 2003**
- University of Washington:** Worked with UW to correct problems in their retirement records. (Employed by Macrostaff Inc as consultant.) **Skills:** software development, writing, problem solving, working in a team. **Tools:** COBOL, productivity tools.
- Jan 2001**  
- **Feb 2002**
- Capital One Financial:** acted as technical lead to convert half a million lines of COBOL74 to COBOL85 for Capital One (a client of MGS Inc), renovating programs to use COBOL85 features. Designed and programmed support tools for the project. Developed and taught classes (at Capital One) in COBOL85 for COBOL74 programmers. **Skills:** writing and communication, problem solving, flexibility, technical leadership, working in a team and alone. **Tools:** COBOL, productivity tools.
- Apr 2000**  
- **Dec 2000**
- Comdial:** wrote database conversion programs for Comdial, an electronics manufacturer and client of MGS Inc. **Skills:** software development, database design, communication, working alone and in a team. **Tools:** COBOL, DMSII.
- Aug 1998**  
- **Jun 1999**
- MGS Inc:** designed and implemented parts of PCS, a program testing and validation system. Installed PCS and added features for three MGS clients, and helped use PCS for Y2K testing for two MGS clients. **Skills:** software development, writing and communication, working alone and in a team. **Tools:** ALGOL, productivity tools.
- Jun 1998**  
- **Feb 1999**
- Paradigm4:** wrote routines to interface specialized TCP/IP adaptor to communications software on Unisys MCP mainframe for a contract which Paradigm4 had with FDLE (Florida Department of Law Enforcement). **Skills:** software development, writing, working alone. **Tools:** ALGOL, productivity tools.
- May 1994**  
- **Aug 1994**  
also **Mar 1996**  
- **Nov 1998**
- MGS Inc:** developed Viewpoint/Sightline Host Reporter software for Viewpoint/Sightline Capacity Manager. Developed and wrote end-user documentation. **Skills:** software development, writing and communication, working alone. **Tools:** ALGOL, productivity tools.
- Sept 1994**  
- **present**
- MGS Inc:** Continued maintenance of Viewpoint/ Sightline Host Reporter software while not in active development. (See above.)
- Apr 1995**  
- **Sept 1995**
- Capital One Financial:** aided in converting the communications system (Gateway to COMS), and updating COBOL68 programs to COBOL74, for Capital One (a client of MGS Inc). **Skills:** software development, communication, problem solving, technical leadership, working in a team. **Tools:** COBOL, ALGOL, productivity tools.
- Nov 1993**  
- **Dec 1995**
- Capital One Financial:** acted as technical lead and primary designer and programmer to multistream and otherwise improve performance of critical path programs for Capital One (a client of MGS Inc). **Skills:** software development, database design, writing, problem solving, technical leadership, working in a team. **Tools:** COBOL, DMSII, productivity tools.
- Apr 2000**  
- **present**
- Personal project:** developed and maintained personal web site (<http://paleo.org>) using hand-coded HTML and CSS, and KompoZer. **Skills:** problem solving, working alone. **Tools:** HTML, CSS. KompoZer.

<p><b>Jun 1989</b> - <b>Aug 1992</b></p>	<p><b>Metalogic S.à r.l.:</b> supported and enhanced Metalogic's automated operations software, especially Supervisor and Flex. Wrote documentation for new features. Provided direct customer support. <b>Skills:</b> software development, writing and communication, working alone. <b>Tools:</b> ALGOL, productivity tools.</p>
<p><b>Jan 1985</b> - <b>Feb 1990</b> and <b>Aug 1992</b> - <b>Jan 1993</b></p>	<p><b>Philadelphia Electric Company:</b> programmed applications in power system analysis and interchange accounting. <b>Skills:</b> software development, writing and communication, flexibility, working alone. <b>Tools:</b> FORTRAN, ALGOL, COBOL, mathematics.</p>
<p><b>Apr 1984</b> - <b>Dec 1984</b></p>	<p><b>Burroughs:</b> addressed GEMCOS trouble reports and added expertise to the GEMCOS development team. <b>Skills:</b> software development, problem solving, working in a team, technical leadership. <b>Tools:</b> ALGOL.</p>
<p><b>Dec 1983</b> - <b>Mar 1984</b></p>	<p><b>Burroughs/SDC:</b> provided DMSII customer support at DLSC (now DLIS, the Defense Logistics Information Service) in Battle Creek MI. <b>Skills:</b> communication, problem solving. <b>Tools:</b> ALGOL, DMSII.</p>
<p><b>June 1981</b> - <b>February 1983</b></p>	<p><b>Planning Research Corporation:</b> in the Special Projects Team on the Air Force Phase IV conversion contract. General project consultant assigned to areas of need in programming, performance, capabilities, and validation. <b>Skills:</b> software development and validation, writing and communication, problem solving, flexibility, working alone and in teams. <b>Tools:</b> ALGOL, COBOL.</p>
<p><b>March 1973</b> - <b>June 1981</b></p>	<p><b>Florida Department of Highway Safety and Motor Vehicles:</b> Applications and systems programming. Maintained Burroughs system software. Wrote and maintained local applications and database software. <b>Skills:</b> software development, database design, writing and communication, problem solving. <b>Tools:</b> ALGOL, COBOL, WFL.</p>
<p><b>1967</b> - <b>1973</b></p>	<p><b>College</b> and graduate studies supplemented by miscellaneous computer programming jobs.</p>

## References

To avoid address harvesting by spammers, I omit email addresses of my references in my résumé posted online. If I provided you with a printed copy, the email addresses are on a separate sheet. Otherwise, I can provide the addresses on request, or you can contact most of them via my LinkedIn profile, <http://linkedin.com/in/edwardreid>.

**MGS:** Guy Bonney

**MGS:** Michael Recant

**William O'Neil+Co:** Gail Crozier

**William O'Neil+Co:** Mario Ramirez

## Awards

**Tom Grier Award:** presented c1986 by CUBE, the Burroughs user group at the time, to honor service in helping new users of Burroughs computers.

## Professional affiliations

Member, ACM (Association for Computing Machinery)

## Education

B.S. in mathematics, Eckerd College, St Petersburg, FL, graduated May 1971.