

# Charles E. Pippin

## Education

### Georgia Institute of Technology

Aug 2003 – July 2004

*Masters in Computer Science*

*Project Work and Research*

*Concentration in Artificial Intelligence*

- Handwritten Signature Verification

GPA: 3.89

- Biotracking

### University of Alabama in Huntsville

1991 - 1996

*Bachelor of Science in Computer Science, Minor in Mathematics*

Graduated Cum Laude

## Work experience

January 2004 – Present

### Georgia Tech Research Institute

*Research Scientist*

- Member of Development team for Collaboration and Planning system, development in Java.

### Firstwave Technologies

Nov 2002 – July 2003

*Application Architect / Business Analyst*

- Developed Internal Product Specifications
- Performed Business Analysis for external customer specifications
- Customized CRM tool on .NET platform using C#

### Sapient Corporation

Jan 1998 – Sept 2002

*Technical Architect*

#### *Cingular Wireless (client)*

- Led a technical team in the design, implementation and rollout of the corporate employee portal. Design activities included creating use cases, sequence diagrams, object models and interface specifications.
- Implementation activities included low level design, code reviews, and performance testing.
- Coordinated with clients to design system interfaces
- Technologies involved included the J2EE BEA Weblogic Portal Server and Vignette.

#### *American Cancer Society (client)*

- Developed web based chat room functionality.
- Technologies involved included Visual Basic COM+ components, HTML, ASP, XML/XSL for separation of data from presentation and a SQL Server backend database.

#### *Union Gas (client)*

- Led the technical implementation and rollout of a web based gas management system. This system was implemented in 10 weeks by a team of 16 developers and was delivered on schedule.
- Tracked team progress against the plan. Performed reviews to ensure technical quality of the system.

- Coordinated the rollout and configuration of the system to the production environment.
- Technologies involved included Microsoft DNA based architecture, using HTML, ASP, Visual Basic COM+ components, XML/XSL and an Oracle backend database. The system was deployed on an IIS and Windows 2000 web server farm.

**Verizon (client)**

- Delivered business process flows from joint application design sessions involving client business area owners and technology groups.

*Senior Engineer*

**Protective Life Insurance (client)**

- Led a 4 person technical sub-team in the design and implementation for a module of an insurance application system. Facilitated client design sessions to gather business and technical requirements.
- Technologies involved included using a 3-tier client-server architecture, with screen-scraping mechanisms to perform legacy system integration. This project was built using Visual Basic, MTS and SQL Server.

**United States Marine Corps (client)**

- Mentored client developers and led the development of a module in a logistics support system.
- Technologies involved included Powerbuilder, UNIX, C++ and an Oracle database for the backend.

**Book Systems Incorporated**

**1997**

*Software Developer*

**Library Automation Product**

- Technologies involved included Visual C++, MFC.

**Intergraph Corporation**

**1994-1996**

*Co-op Software Developer*

**Map Finisher Product**

- Participated in the requirements, design, development, testing and documentation of Intergraph's GIS/Map Finishing software product. Performed product development and maintenance in C, on Windows and Unix.

**Technical Skills**

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Visual Basic  
C / Visual C++  
Java  
C#

MTS/COM+  
IIS/ASP  
XML/XSL  
.NET Architecture

SQL Server , Oracle  
TSQL , PLSQL  
BizTalk, Microsoft CMS  
Rational Rose / UML

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