

## Arizona Claude Edwards



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### Skills

Skill	YoE	Engagement	Rating	Description/Keywords
Classic C++	10+		★★★★★	ATL, MFC, also: FCL, C++/CLI, OWL. etc.
Modern C++	3		★★★☆☆	STL, AIX, Solaris, Linux
C#/DotNet	8		★★★★☆	Windows Forms, DLLs, Interop, Web ASP.NET
Python	2*		★★★★☆	PEP-008, multiprocessing, .NET and C++ Interop
JavaScript	2*		★★★★☆	Web, Bloomberg Terminal, Node, Typescript.
Java/Kotlin	5		★★★★☆	Enterprise Java, Android, JNI, Web-Applets, Tomcat
Windows	10+		★★★★★	Since 3.0, Internals, SDK, GDI/+, COM/+
Web	5+		★★★☆☆	ASP.Net, HTML, JavaScript, CSS, Frameworks
Unix	3		★★★☆☆	AIX, Solaris, Linux; Darwin (MacOS), Bloomberg
Cloud	5		★★☆☆☆	AWS, DynamoDB, SQS, S3, Elasticsearch, Serverless
Databases	10+		★★★★★	Design, DDL, Data Tier, SQL, NoSQL, Desktop
TCP/IP	3		★★★★☆	SSH, SSL/TLS; WS_FTP - fastest FTP client at the time
IPTV	5		★★★☆☆	ASP.Net MRML to set-top-box, VHO integration.

While I do not claim to maintain focused expertise in all the above simultaneously, I have a strong inventory of current and refreshable skills and solution finding experience. The table above is my attempt to estimate and depict for each skill my:

◇ **accumulated experience;** ◇ **engagement over time;** ◇ **overall self rating.**

I look forward to the opportunity to demonstrate my skills, and contribute positively to your organization.

### Aspects

Multi-Sector	Experience in Financial, Healthcare, Education, Defense, Internet, TV, and other industries.
Travel/Consulting	Traveling for trade shows, client meetings, collaboration, and recruiting.
User Experience	UX/UI designing, building, testing including for limited input devices such as phones and TVs.
Multimedia	Programming, encoding, decoding, and delivering image, video, and music formats.
Algorithms	Efficiently identifying and applying the appropriate algorithms and data structures.
Team Lead	Experience and recognition as team lead, principal developer, guide, and mentor.
low level coding	Coding at the bit level, endianness, protocols, layouts, MIL-STD-1553, Arduino, etc.

### Education

BSc in Computer Science with Math Minor  
Georgia State University

### References

[linkedin.com/in/arizona-edwards#recommendations](https://www.linkedin.com/in/arizona-edwards#recommendations)

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## Work Experience Summary

<b>Amazon</b>	Software Development Engineer II	Dec 2016 to Feb 2023
Developed cloud-based, large-scale financial microservices in Java, Kotlin, and AWS.		
<b>Bloomberg</b>	Senior Software Engineer	Jun 2013 to Jun 2016
Developed enterprise data delivery solutions concerning fixed income securities in C++, Python, SQL, etc.		
<b>Georgia Tech Research Institute</b>	Contract Programmer	Apr 2012 to May 2013
Developed software to test aircraft missile defense systems using MILSTD1553 in C++, C# and Python.		
<b>Alcatel-Lucent</b>	Solution Line Manager	May 2009 to Mar 2012
Implemented software solutions for IPTV television and telephone service providers using C#, SQL, Java, etc.		
<b>AT&amp;T</b>	Contract Programmer	Jan 2007 to Dec 2008
Developed interactive IPTV software for the U-Verse platform in C#, JavaScript, and SQL.		
<b>Agile Technologies LLC</b>	Contract Programmer	Jan 2006 to Mar 2006
Developed an Active-X control for Greyhound PackageXpress in C++		
<b>NextGen Healthcare Information Systems</b>	Consultant	Jan 2005 to Aug 2006
Implemented regulatory and migration solutions for healthcare providers in C#, SQL, Excel, etc.		
<b>taxslayer.com</b>	Senior Developer	Sep 2003 to Nov 2004
Developed online tax filing software in VB.Net, C# and SQL and using MSMQ.		
<b>Ipswitch</b>	Principal Software Developer	Mar 1999 to Sep 2003
Developed versions of WS_FTP and other retail Internet software in C++.		
<b>Asymetrix</b>	Contract Programmer	Jan 1997 to Feb 1999
Implemented online eLearning solutions for enterprises in ToolBook OpenScript, C++, etc.		
<b>Delta Airlines</b>	Senior Contract Programmer	Jan 1996 to Nov 1996
Developed airline reservations system software in C++.		
<b>The Federal Reserve Bank</b>	Contract Programmer	May 1994 to Dec 1995
Developed internal accounting and management software in C++ and SQL.		
<b>Nova Information Systems</b>	Contract Programmer	Sep 1993 to May 1994
Developed ETL and analysis software for credit card transaction data in VB, C, and C++.		
<b>The Hypermedia and Visualization Lab</b>	Multimedia Technologist	Jul 1992 to Aug 1993
Developed Computer Based Training and kiosk systems, maintained multimedia technology in the lab.		
<b>The Georgia Assessment Project</b>	Solution Generalist	Jul 1989 to Aug 1992
Produced standardized tests for the state of Georgia.		