Karl M. Davis

Software Engineer

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Education

2000–present — **Bachelor of Arts in Political Science**, *University of Arizona*, Tucson, AZ.
Part-time/evening student. Degree will be completed in 2010. Completed the requirements for a minor in Computer Science.

Experience

2006–present — **Principle Software Engineer**, *Ridgetop Group*, Tucson, AZ.
Managerial and technical lead for a small team of software engineers.

Project lead for a $1.2M research & development software engineering project. The goal of this project is to reduce the U.S. Navy's IT maintenance costs and improve the reliability of their IT systems. Also responsible for the writing of the proposal that led to this project.

Team lead for the software engineering components of all the company's other projects and contracts.

2005–2006 — **Software Engineer, Contractor**, *Vision7 Software*, Tucson, AZ.
Software engineer for over a dozen different projects. Programming languages and frameworks used included: C#, ASP.NET, ASP, VBScript, HTML, and CSS.

2002–2005 — **Support Systems Analyst**, *University of Arizona*, Tucson, AZ.
Developed an account management tool using C# and ASP.NET that interacted with Microsoft Active Directory.

Languages

Java	**Expert**	*Java 1.4+: Wicket, Swing, Android, JDO, JDOM, SNMP4J, COM4J, j-Interop, Maven 2, JUnit, and many other frameworks.*
.NET	**Former Expert**	*.NET 1.0 & 2.0: C#, Visual Basic, ASP.NET, and Windows Forms. MS SQL Server 2000 and 2005.*

Personal Coding Projects

- Developing an Android application to sync contact data with a Zimbra server.
- Developing an Android application to map signal strength.
- Developed a CMS in Java using Wicket & JDO.

Computer skills

IDEs
: Experience with Eclipse, NetBeans, and Visual Studio 2003 & 2005.

Build Systems
: Particularly proficient at setting up automated build and test environments. Current build system of choice for Java incorporates SVN, Maven 2, JUnit, and Hudson. Also using Git on some projects.

IT Systems Engineering
: Extensive experience in the design and management of mixed-environment computing systems. Setup and maintained Windows servers using Active Directory, Group Policy, RRAS, DNS, DFS, and IIS. Have also setup and maintained Linux servers running DNS, Kerberos, LDAP, AFS, Zimbra, and Apache.

Interests

Outdoors
: Canoeing and hiking.

Indoors
: Reading, tinkering with IT, small coding projects, and playing the occassional video game.

References

Available upon request.