Alan J. Kay

Des Moines, IA 50392   contact@alankay.net

Education
Drake University – Bachelor of Science in Business Administration
- Information Systems and Marketing Major, Computer Science Minor
- Cumulative GPA: 3.67/4.0 – Cum Laude, Departmental Honors
- Graduation: May 2014

Professional Experience
Principal Financial Group – Des Moines, IA   May 2014 – Present
Application Developer, Principal Global Investors
- Key contributor in the DESTination program – a project to redefine the future vision of the company and implement the steps to reach that future vision.
- Designed and implemented framework to facilitate loosely coupled integrations between systems, allowing for agility when adding, replacing, or removing those systems
- Executed multiple proof of concepts to analyze new technology options including MongoDB and Mule ESB
- Balanced production enhancements with project innovations using both scrum and kanban agile methodologies

Principal Financial Group – Des Moines, IA   May 2013 – August 2013
Data Management Intern, Principal Global Investors
- Managed, analyzed and improved 100 critical processes which generate, modify, and send critical data
- Fulfilled existing and incoming production support requests regarding operational data source information
- Communicated, organized, and executed roll out schedules for enhancements to team jobs and processes
- Collaborated with a team of differently skilled interns to develop a mobile application for the VIP program

Principal Financial Group – Des Moines, IA   May 2012 – May 2013
Application Development Intern, Principal Global Investors
- Rewrote critical accounting applications from visual basic 6 and vbscript to modern program languages
- Maintained day to day operations for 140+ jobs/processes and their respective data
- Analyzed current processes and documentation to enhance performance and reliability
- Enhanced existing applications to prepare for emerging projects and ideas

Drake University – Des Moines, IA   Fall 2011 – Fall 2013
Systems Administrator Assistant (CBPA), Support Technician (OIT)
- Maintained faculty and classroom computer systems, including setting up new machines
- Solved issues regarding computer hardware and software
- Upgraded over 250 student's computers from different operating systems to Windows 7
- Assisted students with general technology questions, network connectivity, and application support

Technology Skills
- Advanced experience: C# (including MVC and Web API), HTML, JavaScript, SQL Server, Mule ESB
- Minor experience: Java, Visual Basic.NET, Visual Basic 6, Markit EDM, PowerShell, Docker
- Troubleshooting hardware and software problems
- Building and maintaining computers
- Database management and utilization

Leadership and Hobbies
- Created open source projects for raspberry pi using Docker, including projects for hosting a reverse proxy, website, a minecraft server, and a dynamic dns client
- Volunteered in New Orleans for hurricane Katrina cleanup
- Volunteer at church food pantry
- Team hockey player for 12 years