

# ALEX EHRNSCHWENDER

San Francisco, CA

Systems engineer with international experience in software development & project management. Currently seeking new technical challenges.

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## EDUCATION

### University of Virginia, School of Engineering and Applied Science

2006 – 2010

BS in Systems Engineering, Minor in Engineering Business

- Cumulative GPA: 3.5 Major GPA: 3.5
- Programming: JavaScript (web & mobile), PHP, CSS3 & SASS, Flash/Flex/Air, C# .NET, VBA, Oracle PL/SQL
- Analytics: TIBCO Spotfire, S-Plus, R, Pentaho, Cognos
- Languages: Spanish (advanced), French (basic)
- Testing: 2220 SAT (800-M, 680-V, 740-W)

• Head of Research for the McIntire Socially Responsible Investment Organization

2008-2010

• President of Sigma Phi Epsilon Fraternity, Virginia Eta Chapter

2008-2009

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## PROFESSIONAL EXPERIENCE

### IT Leadership Program – General Electric Company – GE Energy

2010 – 2012

Operations BI Developer – *Global Application Management Services (Atlanta, GA)*

- Developed a personalized BI solution (PL/SQL & JS) for support leaders & managers, accelerating through full SDLC.
- 'Leaned' a critical support process and received LEAN Six Sigma Greenbelt Certification.

Commercial ITO Project Manager – *GE Industrial Solutions (Hartford, CT)*

- Drove business-specific requirements into Salesforce.com roll-out for internal salespersons and external partners.
- Led data migration effort from existing CRM, performed SIT & UAT, and trained Latin America region leaders for pilot.
- Experience in Agile SCRUM methodology, VBA, and as a Salesforce.com admin.

Product Lifecycle Management (PLM) Project Manager – *Energy Products Europe (Belfort, FR)*

- Release coordination between local French engineering and US project teams for business-wide PLM software.
- Used XSLT, XPath & JS to create activity trend dashboards and mitigate overall timeline risk.

Mobile & Analytics Software Engineer – *GE Water & Process Technologies (Philadelphia, PA)*

- Designed and piloted Water Mobile Framework for device-independent development, deployment, testing, and maintenance of GE Water hybrid mobile apps. Significant research into mobile strategy within GE and industry.
- Built automated analytics engine for Remote Monitoring visualizations in TIBCO Spotfire, writing custom C# .NET extensions to the platform. Launched Fleet Analytics program providing cross-customer insights to the business.
- Team recognized by *CIO Magazine* with CIO 100 Award.

### IM & Engineering Internships – General Electric Company – GE Aviation

2008, 2009

- Managed requirements, UAT, and on-site project activities between engineering functional team and offshore vendors for Design Review application upgrade.
- Conducted multivariate statistical analysis and presented to CIO for support improvement and cost reduction.

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## SIDE-PROJECTS & HOBBIES

### CloudJams

*Collaborate with Facebook friends to create the ultimate video playlist.*

### Tech Stack

ActionScript (SWIZ), PHP (Zend),  
Amazon S3, Facebook OAuth2,  
YouTube APIs

### The Slice Is Right

*Quickly and easily discover local pizza restaurants.*

### Tech Stack

Sencha Touch 2, GoogleMaps API,  
iOS & Android App Markets

### TabHammer

*Learn new songs and manage your personal portfolio of sheet music.*

### Tech Stack

Backbone + Twitter Bootstrap,  
Node.JS server & API, Phantom.JS  
web-crawlers