

# DAMIEN HOUSE

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## ANALYSIS, DESIGN, ENGINEERING, ADMINISTRATION

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Technical consultant experienced in the architecture and production of information systems.

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### STRATEGIC MANAGEMENT OF BUSINESS PRACTICE

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- Leading the design and development of information systems that support strategic initiatives and business models; collaborating with clients, teams and stakeholders to assist in defining and producing deliverables; coaching principle, pattern, technique.
- Integrating distributed systems that include desktop and mobile technology, security software, database applications and web services; successfully implementing technical solutions.
- Analyzing emerging technologies; identifying and understanding large scale issues and opportunities; areas that improve operating results; determining the appropriate course of action and delivering long-term sustainable and scalable solutions.

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### SOLUTION ARCHITECTURE

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- *principal.science, creative.direction*  
**user.experience, product.management**  
planning, research, exploration, analysis, synthesis, evaluation ~ objective, scope, process, strategy, roadmap, epic, story, requirement, user-research-analysis, documentation, specification, function, principle, pattern, prototype, concept, model
- *form*  
**information.architecture, interaction.design**  
drafting, structuring, organizing, classifying, defining, refining ~ interface, model, linguistics, semiotics, grammar, syntax, ontology, taxonomy, document, navigation, layout, composition, pattern
- *function*  
**software.engineering, information.systems**  
development, assembly, programming, configuration, deployment, administration ~ software, system, product, architecture, pattern, algorithm, library, framework, platform, service, utility, application, workflow, intelligence

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### PRODUCTION ROLE

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- *solution*  
**producer :: software.engineer, user.interface, database.administrator**  
development, assembly, programming, configuration, deployment, administration ~ software, system, product
- *architecture*  
**strategist :: information, interaction, software, system**  
drafting, structuring, organizing, classifying, defining, refining ~ interface, model, linguistics
- *consulting*  
**subject.matter.expert :: analyst, designer, engineer, administrator**  
planning, research, exploration, analysis, synthesis, evaluation ~ objective, scope, process, strategy

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## RESEARCH & DEVELOPMENT

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Efforts in production require cross-functional learning across interdisciplinary fields.

### FOCUS

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|                       |             |                             |  |
|-----------------------|-------------|-----------------------------|--|
| <i>2007 - Present</i> | <i>9yr</i>  | <b>Content Management</b>   | interactive-media, portal, website, content-management-system              |
| <i>1996 - Present</i> | <i>20yr</i> | <b>Knowledge Management</b> | application, software, database, enterprise, information-management-system |

### INTEREST

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|                       |             |                             |   |
|-----------------------|-------------|-----------------------------|---|
| <i>2007 - Present</i> | <i>9yr</i>  | <b>Sociology</b>            | media-studies, software-studies, internet-studies, computer-mediated-communication, user-research-analysis  |
| <i>2007 - Present</i> | <i>9yr</i>  | <b>Industrial Design</b>    | product-management, design-science, process-design, documentation, specification, function, principle, pattern, prototype, concept, model   |
| <i>1996 - Present</i> | <i>20yr</i> | <b>Information Science</b>  | information-management, information-design, database-design, interaction-design, interface, model, linguistics, semiotics, grammar, syntax, ontology, taxonomy, document, navigation, layout, composition, pattern  |
| <i>1996 - Present</i> | <i>20yr</i> | <b>Software Engineering</b> | rapid-development, agile, evolution, extreme, programming, paradigm, object-oriented-design, framework-oriented-design, refactor, reuse, software, system, product, architecture, pattern, algorithm, library, framework, platform, service, utility, application, workflow, intelligence |

### EDUCATION

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|                          |            |  |  |
|--------------------------|------------|--|--|
| <i>1999.09 - 2000.06</i> | <i>1yr</i> | <b>Computer Science</b><br><b>Baltimore, MD</b>                      | <b>University of Maryland, Baltimore County</b>  |
| <i>1997.09 - 1999.06</i> | <i>2yr</i> | <b>Electrical Engineering</b><br><b>Baltimore, MD</b>                | <b>Morgan State University</b><br>Association of Information Technology Professionals, Chapter President: 1998 - 1999.                   |
| <i>1993.09 - 1997.06</i> | <i>4yr</i> | <b>Engineering and Architectural Drawing</b><br><b>Baltimore, MD</b> | <b>Baltimore Polytechnic Institute</b><br>U.S. Air Force Junior ROTC, Drill Team. Marching-Concert-Jazz Band. Foreign Language: Chinese. |

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## PROFESSIONAL EXPERIENCE

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*2013.11 – 2016.12*    *3yr 2mo*    **Senior Technical Consultant: Subject Matter Expert**

Arlington, VA    **Blackstone Technology Group**

**USDA: Agricultural Marketing Service**

- content-management, portal, website, application, software, database, enterprise: [www.ams.usda.gov](http://www.ams.usda.gov)
- content-management-system: cloud, client-server, web-browser, mobile, linux, apache-2, mysql-5, php-5, sql, javascript, html, css, sass, drupal-7
- creative-direction, form, function: analysis, design, engineering, administration / agile / 25.person

*2012.07 - 2013.08*    *1yr 2mo*    **Senior Interactive Engineer: Technical Strategy**

Manassas, VA    **Saforian**

**Share Our Strength, FHI 360, Grunley Construction Company**

- content-management, interactive-media, portal, website, application, software, database, enterprise: [www.nokidhungry.org](http://www.nokidhungry.org), [www.fhi360.org](http://www.fhi360.org), [www.grunley.com](http://www.grunley.com)
- content-management-system: cloud, client-server, web-browser, mobile, linux, apache-2, mysql-5, php-5, sql, javascript, html, css, less, drupal-7
- creative-direction, form, function: analysis, design, engineering, administration / agile / 15.person

*2007.12 - 2012.04*    *4yr 5mo*    **Senior Software Engineer: Technical Strategy**

Washington, DC    **Virilion | RepEquity**

**eBay Government Relations, American Coalition for Clean Coal Electricity, UNICEF, J8 Summit, Baseball Hall of Fame, National Association of Realtors, South Carolina Department of Commerce, Every Mother Counts, Town and Country Bank**

- content-management, interactive-media, portal, website, application, software, database, enterprise: [www.ebaymainstreet.com](http://www.ebaymainstreet.com), [www.americaspower.org](http://www.americaspower.org), [tap.unicef.org](http://tap.unicef.org), [www.j8summit.org](http://www.j8summit.org), [www.baseballhall.org](http://www.baseballhall.org), [members.realtor.org](http://members.realtor.org), [scommerce.com](http://scommerce.com), [www.everymothercounts.org](http://www.everymothercounts.org), [www.townandcountrybank.com](http://www.townandcountrybank.com)
- content-management-system: cloud, client-server, web-browser, mobile, linux, apache-2, mysql-5, php-5, sql, javascript, html, css, drupal-6
- creative-direction, form, function: analysis, design, engineering, administration / agile / 40.person

*2003.02 - 2007.07*    *4yr 6mo*    **Senior Software Engineer: Technical Strategy**

New York, NY    **Time, Inc.**

**Time Consumer Marketing**

- knowledge-management, customer-relationship-management, application, software, database, enterprise: [Direct Mail](#), [Billing](#), [Renewals](#), [Insert Cards](#), [Online Marketing](#)
- information-management-system: client-server, thin-client, windows-2k, oracle-8, sql, view, stored-proc, visual-studio, dot-net, csharp, object-pascal, delphi-5-7
- creative-direction, form, function: analysis, design, engineering, administration / agile / 10.person

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## PROFESSIONAL EXPERIENCE

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- 2002.05 - 2003.02*    *10mo*    **Senior Software Engineer: Technical Strategy**  
**Chantilly, VA**    **ActiveHealth Management, Inc.**  
**Physicians Clinics, Hospitals**
- knowledge-management, population-health-management, application, software, database, enterprise: [ActiveHealth CareEngine](#)
  - information-management-system: client-server, thin-client, windows-2k, oracle-8, sql, view, stored-proc, object-pascal, delphi-5
  - creative-direction, form, function: analysis, design, engineering, administration / waterfall / 7.person
- 2001.03 - 2002.05*    *1yr 3mo*    **Technical Direction: Principal Architect**  
**Silver Spring, MD**    **Inte-Great, LLC.**  
**Food and Drug Administration, National Archives, National Highway Traffic Safety Administration, National Institutes of Health**
- knowledge-management, asset-management, application, software, database, enterprise: [TrakStar Enterprise](#), [TrakStar Enterprise Scanner](#)
  - information-management-system: client-server, thin-client, mobile, palmos, mainframe, windows-2k, access-2k, sqlserver-2k, oracle-8, sql, view, stored-proc, visual-studio, vb, object-pascal, delphi-5
  - creative-direction, form, function: analysis, design, engineering, administration / waterfall / 7.person
- 2000.05 - 2001.03*    *11mo*    **Senior Software Engineer: Technical Strategy**  
**Silver Spring, MD**    **Automatic Data Processing, Inc.**  
**National Account Services, JPMorgan Chase**
- knowledge-management, human-resource-management, plugin-framework, api, application, software, database, enterprise: [Software Reuse Object Model Environment](#), [Benefits Outsourcing System Solution](#), [Spending Account Manager](#), [Open Enrollment Online](#)
  - information-management-system: client-server, thin-client, web-browser, windows-95-nt, iis-4, interbase-6, sql, view, stored-proc, visual-studio, asp, vb, javascript, html, css, object-pascal, delphi-4
  - creative-direction, form, function: analysis, design, engineering, administration / waterfall / 8.person
- 1998.11 - 2000.05*    *1yr 7mo*    **Senior Software Engineer: Technical Strategy**  
**Baltimore, MD**    **Full Circle Solutions, Inc.**  
**Denali Solutions, Baltimore City Police Department, Baltimore City State's Attorney's Office**
- knowledge-management, law-enforcement, public-safety, plugin-framework, api, application, software, database, enterprise: [fcsModularApp](#), [inPursuit Records Management System](#), [Housing Code Enforcement](#)
  - information-management-system: client-server, thin-client, windows-95-nt, sqlserver-6.5, oracle-8, sql, view, stored-proc, visual-studio, object-pascal, delphi-3
  - creative-direction, form, function: analysis, design, engineering, administration / waterfall / 9.person

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## PROFESSIONAL EXPERIENCE

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- 1998.09 - 1999.05*    *9mo*    **Lab Administrator: Technical Strategy**  
**Baltimore, MD**    **Morgan State University**  
**Information Systems and Sciences, School of Business**
- knowledge-management, systems-management, application, software, database, enterprise: User Account Manager
  - information-management-system: client-server, thin-client, windows-95-nt, oracle-8, sql, view, visual-studio, object-pascal, delphi-3
  - creative-direction, form, function: analysis, design, engineering, administration / adhoc / 4.person
- 1997.08 - 1998.09*    *1yr 2mo*    **Software Engineer: Technical Strategy**  
**Timonium, MD**    **Venture Media**  
**Linda Seidel Transforming Cosmetics**
- knowledge-management, customer-relationship-management, application, software, database, enterprise: Payroll Express, MedicalOPS, LstcOPS
  - information-management-system: client-server, thin-client, thick-client, windows-95-nt, paradox, access-97, sqlserver-6.5, sql, view, stored-proc, visual-studio, vb-6, object-pascal, delphi-1-3
  - creative-direction, form, function: analysis, design, engineering, administration / adhoc / 6.person

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## TECHNOLOGY

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- platform*    cli, shell, cloud, client-server, thin-client, thick-client, web-browser, mobile, windows, macintosh, linux, pantheon, aws, rackspace, akamai, apache, iis, sqlserver, oracle, mysql, hadoop, mongodb
- framework*    drupal-5-6-7-8, wordpress, node, angular, rails, expressionengine, coldfusion, visual-studio, dot-net, delphi-1-2-3-4-5-6-7
- library*    jquery, d3.js, processing.js
- language*    php, sql, javascript, html, css, ruby, go, python, processing, java, cpp, csharp, asp, visual-basic, object-pascal

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## CERTIFICATION

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- solutions architect*    designing highly available, cost efficient, fault tolerant, scalable systems; implementation, deployment, security, troubleshooting: distributed applications and systems hosted on the amazon cloud platform
- associate*    AWS-ASA-16922 | 2016.05.27-2018.05.27
- amazon web services*    <http://aws.amazon.com/certification>

# DAMIEN HOUSE

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## PORTFOLIO

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*website* <http://damien.house>

*reference* Available upon request.

*email* [dhouse109@gmail.com](mailto:dhouse109@gmail.com)