

Chris Casad

41546 Radlett Lane, Aldie, Virginia 20105
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View my portfolio: <https://www.casad.net/>

Technical Skills

- **Languages:** AngularJS 1.x, Ionic Framework 1.x, PHP, JavaScript, REST, HTML, CSS, LESS, Bootstrap, JQuery, JSON, SQL, PL/SQL, VB.NET, C#, ASP.NET, Drupal, WordPress, Shell Scripting, Perl, XML, Zend Framework, Slim Framework
- **Database:** Oracle, MySQL, MS SQL Server
- **Software:** Visual Studio, Toad for Oracle, Toad for MySQL, Subversion, TortoiseSVN, Git, Grunt, Coda, Eclipse, Putty, Apache, Linux
- **Geographic Information Systems (GIS):** Google Maps API, ArcIMS, MapObjects IMS, ArcGIS

Experience

XPAND CORPORATION, Reston, Virginia

Architect/Lead Developer on JobCentralDirect.com February 2013 to Present

- Designed and developed the DirectSource product which helps connect CareerOneStop job center counselors with job seekers and employers through outreach. **Technologies used: AngularJS 1.x, JavaScript, PHP, Slim Framework, REST, MySQL, Apache Solr, JSON, HTML, CSS/LESS, Twitter Bootstrap, Git, Grunt**
- Worked with the company's COO, developers and QA team to work through design and development tasks and issues.
- Coordinated all developer tasks to ensure they were complete, correct and on time while working within an Agile iterative process.
- Wrote various **PHP** and **Unix shell scripts** for database related tasks

Lead Developer on VCN.org November 2011 to Present

- Lead developer of the Virtual Career Network (vcn.org) which is an open source website that prepares users to get qualified for their desired career by obtaining educational qualifications and other required credentials. **Technologies used: PHP, Drupal, REST, Zend Framework, MySQL, SQL, Toad for MySQL, Google Maps API, JQuery, JSON, HTML, CSS/LESS, JavaScript and Subversion**
- Worked with developers and QA team to work through design and development tasks and issues.
- Coordinated all developer tasks to ensure they were complete, correct and on time while working within an Agile iterative process.
- Developed various custom **Drupal** modules for VCN.
- Managed the Subversion server users and repositories.
- Created a custom CRM application to allow users to interact with the VCN support team. **Technologies used: ASP.NET, C#, MS SQL Server**

SATELLITE TRACKING OF PEOPLE LLC, Reston, Virginia

Lead Developer March 2005 to November 2011

- Lead developer and designer of the company's Web based application which allows clients to track the location and activities of parolees. **Technologies used: Visual Studio, ASP.NET, VB.NET, Oracle, Toad for Oracle, MySQL, PL/SQL, Google Maps API, HTML, CSS, JSON and JavaScript**
- Managed the entire iterative SDLC process.
- Gathered requirements from sales and clients and organized them into software releases.
- Worked with developers to design and implement requirements. Performed individual unit testing to ensure quality code was delivered to the QA team.
- Interacted with the QA team to work through bugs and issues. Assisted with regression testing when needed.
- Assisted the Systems team with the application deployment, writing **Unix shell scripts**, as well as troubleshooting production issues.

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GENEX SYSTEMS, *Hampton, Virginia (telecommute)*

Senior Consultant *May 2002 to March 2005*

- Created a custom **PHP** Application Programming Interface (API) which was used with ESRI's web based software, **ArcIMS**.
- Redesigned and developed an online geographic mapping application to help facility managers determine and predict center-wide flooding throughout NASA Langley Research Center and Langley Air Force Base. **Technologies used: ArcIMS, PHP, Oracle, HTML, CSS and JavaScript.**
- Developed an online facility disaster estimation application for NASA Langley Research Center to help determine facilities affected by explosions due to pressurized testing systems throughout the base. **Technologies used: ArcIMS, PHP, Oracle, HTML and JavaScript.**

SUMMITQUEST, *Dayton, Ohio (telecommute)*

Senior Software Engineer *February 2001 to May 2002*

- Designed and developed a Web-based Ground Transportation System for a fortune 50 financial company to streamline the complaint creation/tracking process and voucher issuing/tracking process, including adjustment reimbursements, driver punishment and final complaint resolution. Technologies used: **Classic ASP, Sybase, HTML, CSS and JavaScript.**
- Provided technical and managerial support for various ongoing projects with other developers.

CACI, *Chantilly, Virginia*

Web Developer Lead *February 2000 to February 2001*

- Led a team of developers in creating a Web-based worldwide Contract Management System for Morgan Stanley to assist them in managing vendor contracts. **Technologies used: Classic ASP, Sybase, HTML, JavaScript and Perl.**
- Led a team of developers in developing a Web-based Work Order Processing System for Morgan Stanley to support their Security and Services division to track and report on all work orders in North and South American offices. Technologies used: **Classic ASP, Sybase, HTML, CSS and JavaScript.**
- Responsible for project planning, tasking and time estimates, and meeting with the client to discuss project requirements.

ESRI, INC., *Vienna, Virginia*

Applications Developer *August 1998 to February 2000*

- Designed and created a Web-based mapping application for Delaware Department of Labor to help the public locate possible job openings and day care centers near their home. This site received the *2000 ESRI UC Special Achievement* award. **Technology used: MapObjects, ASP, HTML and JavaScript.**
- Assisted clients by troubleshooting and fixing legacy Web and desktop mapping applications.
- Created a Web mapping template for **MapObjects** that set a new standard for future projects within the development team.
- Created a customized GIS application in **ArcView** to determine European oil pipeline cost effectiveness.

Miscellaneous Projects

- Built a hybrid mobile app for Kelly's Bootcamp (<http://kellysbootcamp.net/>) for bootcamp participants to track various statistics measured during workouts. It can be found on the iOS app store and the Google Play store under "Kellys Bootcamp". **Technology used: Ionic Framework 1.x, AngularJS 1.x, JavaScript, PHP, Slim Framework, REST, MySQL, JSON, HTML, CSS/LESS, Git**
- Volunteer webmaster of the Children's Science Center website. Perform site updates using **PHP, HTML, CSS, JavaScript, Git and MySQL**. Converted the site into a custom **WordPress** site.
- Created a custom **PHP** API to interact with ESRI's web mapping server, **ArcIMS**.

Education

Bachelor of Science, Mechanical Engineering, Old Dominion University

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References

James Acquah

Worked together with James for over 6 years at Xpand Corporation. He was my direct supervisor and the COO.
jacquah@gmail.com
703.408.2535

Brian Moran

Worked together with Brian for over 6 years at Satellite Tracking of People. He was my direct supervisor and the Vice President of Operations.
briansmoran@gmail.com
703.628.9449

Will Boggs

Worked with Will for over 5 years at Satellite Tracking of People. He was one of the developers on my team.
boggsw@gmail.com
703.853.9743

Brad Ball

Brad was the direct government supervisor while working with the NASA LaRC GIS Team. He is the head of the GIS Team and has worked for NASA LaRC for over 35 years.
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