LANCE DYAS

(402) 430-5937 | lancealandyas@gmail.com 1821North 29th St. Lincoln, NE 68503

SUMMARY

Creative and task-oriented professional with **20+ years' experience in Software Engineering, Web Development, and Graphic Design.** Strong learning skills to keep in touch with cutting-edge technology and adapt to new concepts, applications, and procedures with little or no difficulty. Able to employ creative design techniques within a defined style and under tight deadline constraints. Interfaces effectively with non-technical staff and management and recognized as a conscientious individual with great dedication and perseverance.

EXPERIENCE

Software Engineer - 15 years

- (C++) Developed and maintained software for image processing and map creation.
- Geomashup Builder (tool to create HTML/CSS/JavaScript applications apps),
- Web Map Service, and OpenStreetmap Layers.
- Coded software based anti-aliased rendering. (not OGL/DirectX)
- Import / Export Web Oriented Formats (PDF/SQL/GML/KML)

Web Application Developer – 5 years (overlaps the above)

- Created TNT map including Widget and HTA forms.
- Created Stereo Viewer and Colorized Elevation using HTML 5 canvas.
- Developed Android Tileset Viewer and Extractor and TNTservlet (in Tomcat).
- Develop MicroImages E-Sales (PHP) website and Geoprovisioning website. (PHP/OpenLayers)

Freelance - 2 years (intermittent)

- Performed web application design and development for independent clients. (Python)
- Handled entire process from graphic artist to back end code.
- Created GeoXml Parser, Sliding Magazine Viewer, Banking App Front End (HTA installer), Managed Dyas Designs, and AAPN website.

Web Master - 3 years

- Designed and managed website including scripting in CGIs in Perl and Java.
- Created customization routines for atlas client applet.
- Developed prototype DHTML (JavaScript) and Dynamic Atlas Client.
- Loaded computer software and spot checked for equipment and software problems.

Graphic Artist - 3 years

- Handled DVD, sign, and logo design. Performed ICON design for software
- Created technical illustrations and promotional and general company materials.
- Maintained product screenshot gallery for website with visualization emphasis.
- Laid out and designed fliers, product logos, presentations, manuals, and forms.
- Created standardized style for Manual design. Created Original Illustrations
- Designed, pasted, and laid out newspaper advertisements, business cards, fliers, and pamphlets.

TECHNICAL PROFICIENCIES

Languages: C++, HTML5, CSS, (bootstrap,SASS) JavaScript(JQuery), Java (Android), PHP, Python, Perl, Basic Fortran, Pascal, Assembler, COBOL
Software: Adobe Illustrator, Adobe Photoshop, Freehand, Dream Weaver, Front Page, Amaya
GIS: TNTgis, Arc View, GDAL (via Python), OpenLayers, GoogleMaps, Virtual Earth, Google Earth/World Wind
Talent: Picking up and figuring out unfamiliar software applications and contexts

WORK HISTORY

Software Engineer & Web App Developer, *Microimages Inc., Lincoln, NE* **06/2001-02/2016**
Web Master, *Microimages Inc., Lincoln, NE* - **06/1998-06/2001**
Graphic Artist, *Microimages Inc., Lincoln, NE* - **06/1995-6/1998**

EDUCATION

Bachelor's Degree, Computer Science, Minors: Art, Physics, *UNL,* Lincoln, NE