Isaac Levanon

Professional Entrepreneur and Visionary Inventor. Founder of Nostalgic
www.nostalgicapp.com
Petah Tikva Area, Israel | Computer Software

500+ connections

Current	Nostalgic
Previous	3DVU (formally FlyOver), Arche Tevhnologies, Leading Edge USA
Education	Rice University - Jesse H. Jones Graduate School of Business

Summary

Professional serial entrepreneur and visionary inventor

Specialties: From ideas to real solutions to better our life

Experience

Founder
Nostalgic
April 2011 – Present (5 years 4 mon hs)

Pivoting Nostalgic to B2B2C - Coming Soon. Turning Consumer Visual Storytelling into Content Marketing Platform for Brands. http://goo.gl/hWN9lM

Founder & CEO
3DVU (formally FlyOver)
January 2000 – 2010 (10 years)

Patented technology for 3D Visualization of aerial and satellite imagery for mobile navigation. Navigate over the entire country with 3D photography and landscape elevation on your Windows Mobile, Symbian or BlackBerry.

Product Launch: First Commercial Release was in-car navigation system by Kenwood in Japan in 2002. In April 2008, Navi2Go - a Mobile Navigation Solution, was launched across the U.S. and UK. Within two months, Navi2Go became Most Popular and Best Seller on Sprint, Verizon, Alltel and Orange UK software shops.

Achievements:-

Commercial 3D Buildings for navigation since 2005 - http://goo.gl/2qqZty
goo.gl/ZbCQvi
http://goo.gl/8EpgUS

Navi2Go - First Commercial 3D Image Navigation with Terrain elevation on Mobile device -
https://youtu.be/EkgMJLcgygQ
https://goo.gl/CSrbhh
goo.gl/KzGW32
http://goo.gl/bZM1xQ
http://goo.gl/JO8kUy
http://goo.gl/Zf5w1q
http://goo.gl/dxGz0l

- Winner of Frost & Sullivan's 2007 Europe Telematics and Infotainment Technology of the Year Award

- Winner of Red Herring Top 100

President & CEO
Arche Tevhnologies
1987 – 1990 (3 years)

Arche Technologies was a maker of IBM PC compatibles that competed mainly on performance. Its systems typically rated in the top-tier in head-to-head tests. The first US PC manufacturer to offer two years warranty.

VP
Leading Edge USA
1985 – 1987 (2 years)

Leading Edge Hardware maker of the Model D the "the King of the Clone"
(http://en.wikipedia.org/wiki/Leading_Edge_Model_D)
The Model D was an immediate success, selling 100,000 units in its first year of production.

VP
ComputerCraft
1980 – 1985 (5 years) | Houston, Texas Area

Once known as the world's largest Apple Computer dealer, ComputerCraft grew rapidly to about 60 stores and 650 employees by 1985

Certifications

Commercial Pilot Rotorcraft- Helicopter
Federal Aviation Administration - FAA, License 2291238
November 1979 – Present

Patents

Modular computer system with portable travel unit
United States 4,769,764
Issued September 1988

additional memory, peripheral equipment controllers, a CRT controller, etc. Also the base unit includes a controller (112) for one or more additional disc drives (26, 28). The facing sides of the legs of the U-shaped base unit have a step-shaped configuration (42, 44, 46) and the portable unit fits onto the step. The bight portion (38) of the base unit has a front connector (49A) for mating with the portable unit and rear connectors (48, 58A) for connection of additional equipment, such as a printer and modem.

Inventors: Isaac Levanon

Efficient image parcel texture rendering with T-junction crack elimination

United States 6,850,235

Issued February 2005

Defects are removed from a tessellated polygonal mesh provided for the rendering of polygon corresponding image parcels through a process that first determines, for a predetermined segment of a first edge of a first polygon within the polygonal mesh, a difference in tessellation level between the first polygon and a second polygon disposed adjacent the predetermined edge of the first polygon, subject to the occurrence of a defect in the polygonal mesh between the first and second polygons. A terminus of the predetermined segment is then computed based on the difference in the tessellation levels and a new vertex, corresponding to the terminus, is added to a first set of vertices that define the first polygon. An image parcel can then be rendered based on the set of vertices, including the added vertex, such that the first image parcel as rendered covers the defect in the polygonal mesh between the first and second polygons.

Inventors: Isaac Levanon

System and methods for network image delivery with dynamic viewing frustum optimized for limited bandwidth communication channels

United States 7,139,794

Issued November 2006

Dynamic visualization of image data provided through a network communications channel is performed by a client system including a parcel request subsystem and a parcel rendering subsystem. The parcel request subsystem includes a parcel request queue and is operative to request discrete image data parcels in a priority order and to store received image data parcels in a parcel data store. The parcel request subsystem is responsive to an image parcel request of assigned priority to place the image parcel request in the parcel request queue ordered in correspondence with the assigned priority. The parcel rendering subsystem is coupled to the parcel data store to selectively retrieve and render received image data parcels to a display memory. The parcel rendering system provides the parcel request subsystem with the image parcel request of the assigned priority.

Inventors: Isaac Levanon

Adaptive quadtree-based scalable surface rendering

United States 7,561,156

Issued July 2009

A 3D scalable surface renderer allows efficient real-time 3D rendering of high-detail smooth surfaces. The renderer is exceptionally effective with software rendering and low-end weaker graphics accelerators, and provides excellent visible quality per the amount of polygons used, while retaining low CPU processing overhead and high efficiency on graphics hardware. The 3D scalable surface renderer provides real time rendering of extremely detailed smooth surfaces with view-dependent tessellation using an improved level of detail approach.

Inventors: Isaac Levanon

Optimized image delivery over limited bandwidth communication channels

United States 7,644,131

Issued January 2010

Large-scale images are retrieved over network communications channels for display on a client

a single network data packet, and is constrained to a resolution less than or equal to the resolution of the client device display.

Inventors: Isaac Levanon

Optimized image delivery over limited bandwidth communication channels

United States 7,908,343

Issued March 2011

Large-scale images are retrieved over network communications channels for display on a client device by selecting an update image parcel relative to an operator controlled image viewpoint to display via the client device. A request is prepared for the update image parcel and associated with a request queue for subsequent issuance over a communications channel. The update image parcel is received from the communications channel and displayed as a discrete portion of the predetermined image. The update image parcel optimally has a fixed pixel array size, is received in a single and or plurality of network data packets, and is constrained to a resolution less than or equal to the resolution of the client device display.

Inventors: Isaac Levanon

Optimized image delivery over limited bandwidth communication channels

United States 8,924,506

Issued December 2014

Large-scale images are retrieved over network communications channels for display on a client device by selecting an update image parcel relative to an operator controlled image viewpoint to display via the client device. A request is prepared for the update image parcel and associated with a request queue for subsequent issuance over a communications channel. The update image parcel is received from the communications channel and displayed as a discrete portion of the predetermined image. The update image parcel optimally has a fixed pixel array size, is received in a single and or plurality of network data packets, and were the fixed pixel array may be constrained to a resolution less than or equal to the resolution of the client device display.

Inventors: Isaac Levanon

Optimized image delivery over limited bandwidth communication channels

United States 9,253,239

Issued February 2016

Large-scale images are retrieved over network communications channels for display on a client device by selecting an update image parcel relative to an operator controlled image viewpoint to display via the client device. A request is prepared for the update image parcel and associated with a request queue for subsequent issuance over a communications channel. The update image parcel is received from the communications channel and displayed as a discrete portion of the predetermined image. The update image parcel optimally has a fixed pixel array size, is received in a single and or plurality of network data packets, and were the fixed pixel array may be constrained to a resolution less than or equal to the resolution of the client device display.

Inventors: Isaac Levanon

Skills

Mobile Devices | Management | Mobile Applications | Entrepreneurship | Start-ups | Product Development | Location Based Services | Business Strategy | Product Marketing | E-commerce | Product Management | SaaS | Enterprise Software | Go-to-market Strategy | Strategic Partnerships | See 5+