

# Job Opening 605 – Lead Mathematician-Senior Engineer in Norwalk, CT

## Digital Cinema: Worldwide Satellite/Fiber Delivery of Digital Cinema Package (DCP) Files & Live Streaming Coverage of Events to Theatres/Homes/Enterprises

**Immediate Opening:** For Mathematician (PhD) to lead work on projects in digital cinema, entertainment, and surveillance, on wireless 3G & 4G networks for secure live streaming video with delivery directly from the Hollywood studios and other sources, often worldwide, via satellite and fiber to cinemas and homes at 4K, and from vehicles, aircraft, and on foot with delivery to homes and mobile users via Cloud services on public and private networks.

**Job Description:** Work with or Lead small-to-mid-size teams of world-class mathematicians, engineers, and programmers devoted to developing cloud storage & network distribution systems to securely ingest then deliver files and live streams for the Hollywood Studios, TV Networks, major Retail Enterprises, Military and Public Safety agencies, and transmit live streaming video coverage of events via wireless networks by unicast & multicast to handheld devices (Wi-Fi and 3G/4G enabled smartphones/tablets, and laptops) movie theatres, homes, and retail locations. Create patented technologies and transform the company's online tools into Software-as-a-Service (SaaS) platforms. Over 2,000 KenCast applications are found worldwide, approximately half outside the USA. Thus, travel is required, as well as continual interaction with customers globally.

**About the Company:** KenCast, Inc., a security firm, founded in 1993, is profitable and experiencing strong growth. KenCast is a leader in development of secure, hi-reliable systems for digital IP transmission by wire/Wi-Fi/LTE terrestrial networks, satellite, and fiber optics. We create the complex mathematical algorithms and products needed for ultra-reliable, secure, multicasting/datacasting of files and live streaming video on the next generation of wired & wireless networks for fixed and mobile users. Our products handle information at Petabyte scale. We are looking for engineers who bring fresh ideas from all areas, including Cloud storage/distribution, distributed computing, large-scale system design, wire/wireless networking, Cybersecurity, UI design and mobile devices; the list changes daily.

**Qualifications:** This position requires the ability to lead agile teams in development of software programs and/or appliances, as well as to recruit and build out a staff for complete design, manufacture, and ongoing support of the services/products supplied to our customers. This requires an advanced degree (Ph.D.) in Mathematics and programming skills.

The candidate should be qualified in some of the following:

- **PhD** degree in Mathematics, with experience in programming, other technical related fields, and familiarity with cybersecurity issues and encryption algorithms.
- Experience with encryption, DRM, and cybersecurity procedures
- Experience with one or more general purpose programming languages, including but not limited to:
  - Java, C/C++, C#, Objective C, iOS or Android OS, Python, JavaScript, AWS, or Go.
- SaaS, Dispersed Cloud Storage, Hybrid Cloud Storage, NFV, Hybrid WANS
- Design, sourcing, manufacturing, QA, and field support for new appliances
- Good understanding of core Internet network protocols (HTTP, TCP, UDP, and accelerated UDP)

**Compensation:** Competitive salary, bonuses, and stock option plan. KenCast offers a comprehensive benefits package and a strong introductory mentoring program (for a rapid learning curve) by our Senior Engineering Team. You will have mobility within the company, new challenges and a constant sense of change. We encourage both individual contribution and managerial career paths.

**E-Mail, Fax or Mail Resume to:**

[recruiting@kencast.com](mailto:recruiting@kencast.com); Dr. William Steele, Chairman & CEO, KenCast, Inc., 535 Connecticut Ave, Norwalk, CT 06854-1713, Fax: 203-359-2173, Web: [www.kencast.com](http://www.kencast.com) and [www.vazzt.com](http://www.vazzt.com). Date posted: 8 August 2015

