

Seeking Video & Image Compression Researcher for Ocarina Networks in San Jose, CA

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Ocarina is a dynamic new startup committed to solving the single biggest IT pain-point of today: out of control data storage growth. Building robust and high-performance storage and network subsystems, designing innovative data representation algorithms, and creating industry-leading customer experiences is what keeps this team of talented and highly driven individuals busy. The company recently received funding from Kleiner Perkins Caufield & Byers, and Highland Capital Partners, and is tooled up to pioneer the emerging file area network. Join our team and contribute to this industry-changing effort!

Job Title:
Compression Researcher

Job Summary:
Ocarina is looking for someone to research, create, and implement high-performance algorithms for Image and Video compression. If you think you can develop algorithms to compress images and video faster and more efficiently than anyone else, come do it here.

Job Responsibilities:
Research and implement cutting-edge compression algorithms for video and images.

Create better, faster, more efficient algorithms using visualization and image analysis and decomposition techniques.

Implement the newly created algorithms into future versions of Ocarina's storage optimization products.

Qualifications:

Successful track record of algorithm development for images and video for commercial applications.

Up-to-date knowledge of the latest image detection techniques, lossy and lossless compression methods, MPEG and JPEG-LS, PNG algorithms.

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5 or more years experience with arithmetic coding, algorithm development, knowledge of techniques used in PNG and JPEG2000, discrete cosine transform (DCT), and prediction through partial match (PPM) based algorithms and image feature detection techniques.

A Ph.D. in Computer Science or higher mathematics is required.

To apply for this position, email resume to susan@xxxxxxxxxxxxxxxxxxxxxx
Ocarina Networks is an equal opportunity employer.