

## Position: Computer Vision Research Intern



### The Company:

IPPLEX researches and develops pioneering cross-platform applications and services focused on interactive communication – between people and the information, contacts and places they need to access through their mobile phone, PC, and other devices. Our global and diverse team of engineers, scientists, and researchers with world-class expertise in video conferencing, object recognition, object tracking, and augmented reality is committed to continuous innovation and fostering an entrepreneurial culture that will accelerate the commercialization of our revolutionary technologies.

IPPLEX is the recipient of multiple grants from the National Institutes of Health (NIH) and National Eye Institute (NEI), and our products have won multiple awards including 1<sup>st</sup> place at the 2010 CTIA E-Tech Awards. Our latest product release, LookTel Money Reader for iPhone, leverages our real-time recognition capabilities to enable users with visual impairments or blindness to instantly recognize dollar bills. It has been recognized by the [New York Times](#), [Engadget](#), and several other major publications.

Find more information about IPPLEX or to see our technologies in action, please visit our website at <http://www.ipplex.com>

# Position: Computer Vision Research Intern



## Position Hiring: Computer Vision Research Intern

We are looking for motivated individuals to join our computer vision group in extending our capabilities in the computer vision space. Candidates should have state-of-the-art computer vision know-how and deep understanding of recognition and tracking problems in object recognition, image registration, panoramic stitching, stereo vision, structure from motion, etc.

### Here's a sample of the problems you may be working on during your internship with us:

- Work on the next generation of augmented reality apps utilizing gyro, compass, and GPS
- Research and build out a content management backend capable of handling millions of items in the database for real time recognition.

### Who we are looking for:

- Experience in any of the following fields: Object recognition, tracking, localization, text detection and recognition (OCR), barcode processing, structure from motion, linear algebra, 3D geometry.
- Experience in mobile robotics (with topics such as 2D/3D SLAM or tracking) and with camera systems (calibration, real-time vision) is a plus.
- Machine Learning experience is a plus.
- EE signal processing experience is a plus.

### Requirements

- Proven coding experience with C/C++
- Hands on experience working and developing vision systems beyond MATLAB and coding actual products
- Ability to work in our Los Angeles offices.

To apply, please send us an email with the job position in the subject line along with a personal note telling us about who you are, what you've been doing, and what makes this job appealing to you. Include a resume, salary requirements, and some links to things you've done to [jobs@ipplex.com](mailto:jobs@ipplex.com). EEO

No recruiters/agencies please