

## SUMMARY

Specializing in advanced computer vision topics such as facial recognition and full-body motion-tracking. Seeking work in the Boston area with exciting research and applications.

## EMPLOYMENT

Jun 2012 to Current	<b>Corespace Sciences</b> · Software Engineer · Boston, MA <ul style="list-style-type: none"><li>Designed and implemented new version of Corespace's full-body motion-tracking software.</li><li>Work resulted in a 25% increase in accuracy and 15% increase in speed over the existing version.</li></ul>
Jun 2010 to Apr 2012	<b>Emotional.ly</b> · Computer Vision Engineer · New York, NY <ul style="list-style-type: none"><li>Specialized in applying emotion recognition and classification algorithms to video frames towards Emotional.ly's new video-based emotion-recognition product.</li><li>Assisted with modeling and converting data into formats for input into neural networks.</li></ul>
Jun 2009 to Aug 2009	<b>Emotional.ly</b> · Software Engineer Intern <ul style="list-style-type: none"><li>Expanded Emotional.ly's emotion recognition algorithms to support six additional emotion classifications.</li><li>Compressed data storage modal resulting in a 25% size reduction without data loss.</li></ul>
May 2008 to Dec 2008	<b>Code:all Foundation</b> · Python Course Planner · Remote <ul style="list-style-type: none"><li>Created three 10-lesson interactive courses for teaching Python and data structures to middle and high school students through Code:all's website.</li><li>Taught several live workshops for Code:all students.</li></ul>

## EDUCATION

2010	<b>Rochester Institute of Technology</b> B.S. Computer Science Minor: Applied Mathematics
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## SKILLS

<b>LANGUAGES</b>	C++, HTML, Java, JavaScript, Python, Ruby
<b>PLATFORMS</b>	Android, Django, jQuery, Matlab, OpenCV

## PROJECTS

Intersect Image Sorter	<ul style="list-style-type: none"><li>Developed an web-based automatic image categorizer and sorter based on various image properties.</li><li>Applied basic computer vision techniques for sorting.</li><li>Created web stack using Django.</li></ul>
DatHat Android App	<ul style="list-style-type: none"><li>Co-wrote an Android app enabling users to sending pictures of themselves wearing various cartoon hats.</li><li>Specialized in applying facial recognition techniques to automatically place hats properly in the images.</li><li>Won 1st place in school club Android hackathon.</li></ul>