

Education

University of Massachusetts Amherst

Amherst, MA

M.S. Computer Science

Sep. 2013 - May 2015

Computer Vision, Applied Information Theory, Intelligent Visual Computing, Probabilistic Graphical Models, 3D Modeling & Simulation, Algorithms

University of Massachusetts Amherst

Amherst, MA

B.S. Computer Science and Mathematical Computing

Sep. 2009 - May 2013

Experience

Fiksu

Boston, MA

Software Engineer

Sep. 2015 - Sep. 2015

- Member of the Ad-Platforms Team

BostonBase, Inc.

Sharon, MA

Software Engineer and System Administrator

Jul. 2007 - Aug. 2015

- Designed, implemented, and tested reliable custom client-server communication platform in restricted and variable network environments.
- Built dynamic web applications using PHP, MySQL, JS/JQuery, Smarty templates and HTML/CSS.
- Deployed and managed Linux servers using Apache, MySQL, PHP, Python, Bash, and SSH.

College of Information and Computer Sciences, University of Massachusetts Amherst

Amherst, MA

Graduate Teaching Assistant and Research Assistant

Sep. 2013 - May 2015

- Research assistant in the Computer Vision and Graphics lab, with a focus on Fisher vector facial recognition and unsupervised 3D head pose estimation.
- Teaching assistant for the graduate course Applied Information Theory (CS 650) and undergraduate courses Computer Vision (CS 370) and Data Structures (CS 187).

Office of Information Technology, University of Massachusetts Amherst

Amherst, MA

System Administrator and Developer

Nov. 2009 - May 2013

- Created tools for remote and local backup management, automated partitioning, formatting and synchronization of USB drives, and automated database backups using Python, Bash, and PHP.
- Maintained servers, including installation, configuration, and backup using Apache, MySQL, and PHP.

Skills

- Proficient with MATLAB, Java, Python, PHP, Bash, HTML, familiar with C/C++, SQL, JavaScript, JQuery, Node.js, Backbone.js
- Proficient with Unix/Linux Apache/MySQL/PHP (LAMP) servers, familiar with Nginx
- Fluent in Hebrew

Honors & Publications

RisQ: Recognizing Smoking Gestures with Inertial Sensors on a Wristband

Abhinav Parate, Meng-Chieh Chiu, Chaniel Chadowitz, Deepak Ganesan, Evangelos Kalogerakis
Proceedings of the ACM MobiSys 2014

The Bay State Fellowship

University of Massachusetts Amherst, May 2013

Tuition-free assistantship awarded to students who complete the Computer Science BS degree with an overall GPA of at least 3.60. Students must also have demonstrated mastery of a graduate-level mathematically intensive course.