

Luis Carrasco

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Computer Engineering B.S

Boston University College of Engineering

Graduated May 2010

Computer Science M.A

Boston University Graduate College of Arts & Sciences

Graduating December 2011 (tentative)

Work

iNVS - CTO

Developed proof of concept AR safety system for cars

Boston University - Innovator

Developed iPhone shuttle tracker app (BU Bus)

Developed web app version of BU Bus

Developed AR iPhone maps app

Developing Computer Vision Art Gallery App

Boston University - Developer

Developed front end for printing system + mobile

Helped develop compliant logo generator

Developed Wordpress themes & plugins

Microsoft Incubation Week - Lead

Developed event based social network

Developed targeted advertising model

Won best solution award

School

Current Classes

Directed Study (Operating Systems, Computer Vision), Randomized Algorithms, Complexity

Operating Systems

Implemented Multithreaded Video Server

Implemented Ramdisk Filesystem

Intercepted system calls in Linux

Computer Vision

Implemented face detection, object detection, template matching and image registration algs.

Artificial Intelligence

Designed systems in computer vision, gesture recognition, face detection and tracking, neural nets, computer learning, natural language processing and robot planning

Random

Implemented Wiimote touchscreen whiteboard

Developed accelerometer controlled RC car

Developing gesture controls for iPod app

Object Oriented Software

Implemented Javascript Client-Side logic formula parser and validator

Distributed Systems

Developed a Distributed Capture the flag game

Windows Programming

Developed Sudoku Solver, file encryptor/decryptor utility, slide-show viewer, drawing utility, tic-tac-toe, etc

Skills

*preferred for questions

