# Education

## Tufts University Medford, MA. Dean’s List

**B.S. in Computer Science**, **B.A. in Mathematics,** expected graduation in Aug. 2015.

**Relevant Courses:** Operating System, Real Analysis, Web Development, Computer System Security, Machine Structure

# Projects

## Pairing (Jul. 2014 - Currently Building) Mobile Application Independent Project

## Designed a social network mobile application written mostly in JavaScript that pairs up strangers.

## Used PhoneGap distribution of Cordova framework to support multiple platforms.

## Applied Facebook API and Twitter API to retrieve personal information when users create accounts.

**AutoSelling** (Feb. 2013 – May. 2013) **Website** **Team Project**

* Contributed to set up MongoDB as the website’s database.
* Implemented location service using Geolocation API to determine user’s location.
* Enabled users to upload or download data from Dropbox using Dropbox API.

# Work Experience

**ScanLaser** (Wuhan, China) **Software Engineer Intern** 2014 Summer

*ScanLaser (www.scanlasertech.com) is a leading 3D scanner manufacturer, specializing in making non-contact active laser scanners. Following are specific contributions:*

* Contributed to develop Visual Studio based software CloudProcess in C that merges the point cloud data with color photos, enabling point cloud data to be in the same color as the object it represents.
* Implemented part of calibrating system in C using Z. Zhang’s algorithm from OpenCV to calculate intrinsic matrix, extrinsic matrix and distortion coefficients.
* Studied software tools like Geomagic to propose new functionalities to the software team.

## Ruibo Technology (Changsha, China) Software Developer Intern 2013 Summer

*Ruibo Technology is a major electronics company focusing on developing electronic scales features cloud technology. Specific contributions:*

* Designed Most of User Interface of new system of AO4X series scales using Microsoft Visual Studio.
* Contributed to managing front-end Oracle SQL database by editing tables and manipulating data.
* Ran usability tests on a new C# system with over 100 sets of random combinations of instructions.

# Interests & Skills

**Favorite Readings:** *On Top of Tides, C Interfaces and Implementations, Internet Minds, Thinking Fast and Slow*

**Programming Language:** C, C++, C#, HTML5, JavaScript, CSS3, Python，Impcore, Scheme, Java

**Speaking Language:** Mandarin, English

**Familiar Operating System:** Linux Kali, Linux Redhat, Windows XP, Windows 7, MacOS