

## EDUCATION

### RICE UNIVERSITY

Bachelors in Computer Science  
2010 - 2014 | Houston, TX  
GPA: 3.87 | Cum Laude

### UCL

Study Abroad / Comp. Sci.  
Spring 2013 | London, UK

## LINKS

Github:// [trnscndntlimbo](#)  
LinkedIn: [bit.ly/waseemahmad](#)  
Medium:// [@trnscndntlimbo](#)  
Facebook:// [waseem90](#)  
Twitter:// [@trnscndntlimbo](#)

## TECHNICAL SKILLS

### LANGUAGES

Proficient:

Python • Scala • Java • C

Objective-C • JavaScript • PHP

Comfortable:

HTML • CSS

## COURSEWORK

COMP 382: Algorithms  
COMP 421: Operating Systems  
COMP 412: Compiler Construction  
COMP 410: Software Eng. Methodology  
Functional Programming in Scala †  
COMP 440: Artificial Intelligence  
COMP 430: Databases  
COMP 450: Algorithmic Robotics  
COMP 310: Advanced OO Prog.  
COMP 322: Parallel Programming  
COMP 221: Computer Systems  
BUSI 296: Business Communications  
COMP 446: Mobile Applications\*  
COMP 215: Program Design  
COMP 182: Algorithmic Thinking  
COMP 140: Computational Thinking\*

\* Teaching Assistant

† Online: Coursera

## EXPERIENCE

### FACEBOOK | Software Engineer Intern

Payments Platform | Jun 2013 – Aug 2013 | Menlo Park, CA

Created an internal tool: Payment Method Order and Routing

This tool allows Payment Ops to achieve higher payment completions, utilize payment providers more effectively, and generate more revenue.

- On a country-by-country basis,
  - allows ordering of payment methods to show more popular payment methods first; and,
  - allows split routing of traffic to payment providers for individual methods.
- Using PHP / Hack, JS, HTML, and CSS, designed and implemented the UI for ordering and routing data entry, validation, and persistence.
- Implemented the business and routing logic for mobile alternative payment methods (non-mobile already implemented).

### GOOGLE | Software Engineer Intern in Test

QPX™ - Travel Search | May 2013 – Aug 2013 | Boston, MA

- Designed and deployed QPX dashboard, which integrates and consolidates data from test systems into a user friendly and interactive report.
- Used Python (Google App Engine), JavaScript (Closure), CSS, and HTML for development.
- Optimized and parallelized QPX testing server startup scripts, speedup greater than 2x achieved.

## PROJECTS

### RICE ELECTIONS | Jan 2013 – May 2014

Voluntarily designed and implemented a web app for secure online elections using Google App Engine for Python.

- Supports the two most popular voting systems: Instant Runoff Voting, Cumulative Choice Voting.
- Automatically computes election results at the end of elections and makes them publicly available. Emails election administrators a detailed report with ballot information for manual verification.
- The ballots cast are not tied to the voters for privacy and anonymity.

More projects at [waseemahmad.com/projects](#)

## AWARDS

2014	Jason Chahin Innovation and Excellence	Given to 1 senior in CS Dept.
2014	Brown College Society of Academic Fellows	Academic Excellence
2014	PennApps Hackathon	Google Prize   Telepromptu
2013	University Hacker Olympics Hackathon	1st Place   Clarity
2013	PennApps Hackathon	3rd Place in Best Use of Firebase   TownFl

## COMMUNITY

2013-2014	President	Rice CS Club
2012-2013	Vice President	Rice CS Club
2013-2014	Founder	Rice Apps
2012-2013	Student Ambassador for Rice University	Google
2012	Founder	HackRice