# Devansh Tandon

devansh.tandon@yale.edu                                                                         (608) 358 6379

## Education

**Yale University** | New Haven, CT                                                              **Expected Dec 2017**
*Bachelor of Science* in **Computer Science, Economics**; **GPA 3.94/4**
*Relevant Coursework*: Data Structures & Algorithms, Systems Programming, Intelligent Robotics, Machine Learning,
Technology & Entrepreneurship, Intermediate Microeconomics, Intermediate Macroeconomics, Econometrics

**University of Cambridge** | Cambridge, UK                                                       **Summer 2015**
Research on International Relations and Development under Prof. Mayall at the Global Summer Program

**Sanskriti School** | New Delhi, India                                                           **2013**
Achieved 96.5% in the Indian CBSE Class XII Examination (99.99 percentile of 850,000 students across India)

## Experience

**Google** | Product Technology Manager Intern                                                   **Summer 2016**
Initiated development of new internal tools, working with multiple stakeholders, engineers and vendors. Distilled
product ideas into a roadmap and requirement documents approved by management – ~30 FTE savings expected.
Wrote an automated alerts algorithm to detect regressions using statistical modeling and ML (TensorFlow).

**Yale University** | Teaching Fellow                                                            **2015**
Taught 90-minute weekly sections on CS fundamentals, software design and algorithmic thinking. Graded problem sets,
held office hours, and served as primary contact for students in CS50, a Harvard-Yale CS course. Won best TF award.

**IBM** | Project Management and Software Engineering Intern                                      **Summer 2015**
Translated client business requirements to technical specifications and use-cases. Designed MobileFirst iOS apps to
provide business intelligence and analytics, customized for client needs. Developed an enterprise solution for an
airline that led to 70% reduction in per-check-in cost compared to traditional counter check-in.

**The Brookings Institution** | Research Intern                                                  **Summer 2015**
Edited and contributed to a book on education in India, drawing recommendations and policy insights from leaders in
the field. Published research findings in two essays. Organized panel discussions and launch for the book.

**IBM** | Project Management and Software Engineering Intern                                      **Summer 2014**
Presented a case study on Smarter Transportation projects at IBM, focusing on a road user-charging project for
Norway; Designed and developed an Android app to add mobile functionality to project with cross-functional team.

## Leadership and Activities

**Yale International Student Organization** | Vice President                                      **2013 – Present**
Led the expansion of the ISO to the largest undergraduate student organization at Yale. Served as liaison between the
administration and ISO. Organized college-wide debates and panel discussions with global leaders.

**The Leadership Institute at Yale** | LI Fellow                                                 **2013 – Present**
Worked with faculty mentors from the Yale School of Management on developing leadership skills through workshops
and one-on-one mentoring. Focused on public speaking, conflict mediation and team management skills.

## Projects

**Bulldog Bots (Yale Undergraduate Robotics)** | Technical Lead                                   **2013 – Present**
Designed, constructed, and programmed a fully autonomous maze-solving robot that navigates to the center of a maze
in the shortest time possible using Dijkstra's algorithm. Led the team to 2nd place at the Brown IEEE Robotics Olympiad.

**Matchbox**                                                                                      **Spring 2015**
Built a crowdsourced matchmaking app that enables your friends to match you. Built a Flask web-app MVP and a
cross-platform app using Meteor, winning $1000 in Yale pitch competition.

Computer: Proficient in C, Java, Scheme, Stata; Experience with JavaScript, Python, Swift, R