

Education

Harvard University | Cambridge, MA

AB in Computer Science

Relevant Coursework: Data Structures and Algorithms, Multivariable Calculus, Linear Algebra and Differential Equations

Cumulative GPA: 4.00

May 2019

Saint Francis High School | Mountain View, CA

Cumulative GPA of 4.55 (weighted)

May 2014

Work Experience

Yiftee - Local Gifts, On-the-Go | Menlo Park, CA

January - August 2015

Software Engineering Intern

- Overhauled the company's existing Android app and rebuilt it from the ground up in line with Material Design standards
- Integrated Twitter's API to enable sending gifts to a recipient via Twitter - over 500 gifts sent at corporate events within the first several weeks following deployment
- Designed and developed a management dashboard for reseller clients
- Built significant portions of the merchant portal for the company's 50,000+ partnering stores to manage their branding and oversee their gifting operations

June - August 2014

- Developed web application that streamlined the use of the company's product by enterprise customers during trade shows
- Redesigned the layout and SEO effectiveness of significant pages for the company's clients
- Implemented a 'deliver-by-hand' option for the digital gift card that customers purchase

Babajob | Bangalore, India

September - December 2014

Software Engineering Intern

- Developed realtime data-visualization applications for internal usage that outlined key company statistics on sales, applications, hires, and clientele demographics
- Over 500,000 data points could be analyzed at a single time and amassed into interactive charts
- Redesigned the user interface by which users could adjust and complete their profiles, enabling realtime updates to candidates' resumes

Leadership and Extracurriculars

Harvard Computer Society (HCS) | Cambridge, MA

December 2015 - Present

Director of Education

- Organizing project initiatives and mentorship for incoming members, including web and hardware applications which will be implemented on campus
- Overseeing development of two bootcamp series, the first of which engages incoming members with software fundamentals, the second of which fosters interest in computer science for non-technical concentrators (e.g. creating a personal website)

HackHarvardCollege | Cambridge, MA

September 2015 - Present

Board Member, Logistics Team

- Part of founding team of HackHarvardCollege, Harvard's first nation-wide hackathon, which attracted over 500 students from more than 100 universities
- Coordinated tech talks and presentations, student transportation, hardware distribution, and other essential jobs during the debut of this 36 hour event

Harvard Open Data Portal (HODP) | Cambridge, MA

September 2015 - Present

Technical Developer

- Developing a data portal (see data.gov) of Harvard's public data sets (e.g. endowment, energy usage, crime rates), which will serve as a data hub to assist with future research and application development

Skills and Interests

Technical Skills: Android, Java, C#, Ruby on Rails, AngularJS, Node.js, D3.js, CSS, HTML, JavaScript, jQuery, Socket.io, SQL, MongoDB, Elasticsearch, XML

Portfolio: www.erictimmerman.com

Languages: Limited working proficiency in Spanish

Interests: Bollywood dance, squash