LUCIANO ARANGO

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Education

Harvard University   Cambridge, MA
A.B. Candidate in Computer Science   May 2016
Minor in Economics   -
  - Coursework in Computer Science (Algorithms and Data Structures, Systems Programming, Visualization, Computer Networks)

Mcfatter Technical High School   Davie, FL
Computer Network Technical Diploma
Honors: Valedictorian, 3.99 GPA. Earned 40.5 credits when only 24 were needed   August 2008 – June 2012

Work Experience

Kleiner Perkins Caufield Byers Engineering Fellow
CODE 2040 Engineering Fellow
Indiegogo   San Francisco, CA
Software Engineering Intern   May 2015 – August 2015
  - Built, along with other team members, a referral contest tool which won "Most Amplification" award at company Hack Week
  - Discovered and patched html injection vulnerability
  - Designed and implemented payment webhooks for fiscally sponsored campaigns
  - Contributed to implementation and design of the new disbursement process

PacketZoom   Burlingame, CA
Software Engineering Intern   June 2014 – September 2014
  - Designed and created distributed process-monitor that reported status and anomalies to a centralized server
  - Built D3 visualization to monitor the status of all PacketZoom processes across all servers; lead to discovery of huge memory leak
  - Implemented web-socket server following RFC 6455 to provide communication between process-monitor and visualization

Harvard University   Cambridge, MA
Teaching Fellow for CS 171 Visualizations   Spring Semester 2015
Teaching Fellow for CS50X (Extension school course)   Spring Semester 2014
Teaching Fellow for CS50 (Introduction to Computer Science course, 800+ enrolled students)   Fall Semester 2013
  - Taught class of 15 students to program in C, PHP, JavaScript, and object-oriented concepts   Fall Semester 2014
  - Provided students with weekly grades and feedback for about 15 programming assignments
  - Helped students through weekly Office Hours and online discussions

Harvard School of Engineering and Applied Sciences (SEAS)   Cambridge, MA
Information Security Specialist   September 2012– February 2014
  - Discovered new exploits in SEAS websites and collaborated with team in order to patch them up
  - Designed new security policies that solved problems with confidential information
  - Created new risk heat maps that displayed improvements in team's risk management
  - Performed network security audits and generated new vulnerability reports

SeguraTec S.A.S.   Medellin, Colombia
Security Engineering Intern   July 2013 – September 2013
  - Developed a modified version of an Android Trojan for a mobile malware presentation
  - Created a modified script for testing Outlook Web App vulnerabilities that exploited a known vulnerability
  - Participated and contributed to a penetration test project for a major Colombian credit card company

Personal Skills

Computer: Proficient in C, Python, Ruby,Javascript (D3), MySQL and familiar with PHP, Java, C++, C#, Objective-C, and Go
            Experience with Cisco IOS, Packet Sniffing Software (Wireshark), Vulnerability Scanning Software, Metasploit
Leadership: *Co-founder, President* – Random Acts of Kindness Club, Harvard University
            Founding Father / Vice President– Harvard Kappa Sigma
            Director of Business – Harvard Model United Nations
Organizational: *Technical Product Lead* – The Harvard Advocate
            Event Chair – Harvard University Colombian Students Association
            Ethics Commissioner – Mcfatter Technical High School, Florida
Languages: Spanish (*native*), English (*fluent*)