Carlos Henriquez

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EDUCATION

Massachusetts Institute of Technology   Cambridge, MA
B. Sc. in Electrical Engineering and Computer Science   June 2017
Candidate for M. Eng. in Computer Science   Expected June 2018
<u>Relevant Coursework</u>: Natural Language Processing, Human Intelligence Enterprise, Database Systems, Computer Systems Engineering, Software Studio, User Interface Design and Implementation, Design and Analysis of Algorithms, Elements of Software Construction, Computation Structures, Communicating with Mobile Technology, Artificial Intelligence   GPA: 4.2/5.0

EXPERIENCE

Intel Corporation – *Software Engineering Intern, Data Center Group*   June 2017 – September 2017
- Joint role as business analyst and software engineer on market intelligence team studying current and future market trends to provide insights to other teams. Created competitor network visualization included in white paper delivered to Executive VP.
- Automated data ingestion pipelines for data from third-party vendors and scrapers to Postgres using Python and shell scripts.

Facebook – *Software Engineering Intern, Messenger for Android*   June 2016 – August 2016
- Implemented identity key verification and conversation initiation over NFC for Messenger for Android's secret conversations.
- Designed, developed, and documented internal NFC module to facilitate future NFC integration to other parts of code base.

Harvard Business School – *Summer Venture in Management Program*   June 2016
- Selected as 1 of 92 participants from 3,000 applicants for management fellowship working with and learning from HBS faculty.

MIT EECS Department – *6.00 Teaching Assistant*   February 2015 - Present
- Work closely with course professors to design exams, problem sets, automated graders, and recitations for beginner CS class.
- Teach weekly recitations and host weekly office hours to explain Python and computer science fundamentals.

Middle East Entrepreneurs of Tomorrow (Jerusalem) – *Co-President, Instructor*   August 2015 – June 2017
- Led recruitment of 30 computer science and business instructors to teach over 200 Palestinian and Israeli high school students.
- Designed curriculum for and taught introductory Python and programming fundamentals to 70 students for 3 weeks.

Gruppo Loccioni (Ancona, Italy) – *User Experience Design Intern*   June 2015 - July 2015
- Designed and prototyped new interface for web-based energy management system with Bootstrap, SASS, and jQuery.
- Conducted user interviews with various stakeholders to discuss user needs and app pain points.

Shoobx, Inc. – *Software Development Engineering Intern*   June 2014 - August 2014
- Adapted to fast-paced environment of a startup by acquiring the necessary skills in a few weeks.
- Pushed code daily to accomplish various assigned tasks, including work-item locking, browser testing, and database migrations.

LEADERSHIP

Gordon-MIT Engineering Leadership Program – *Gordon Engineering Leader*   September 2015 – June 2017
- Leader in selective leadership training program focused on developing emerging leaders of teams in engineering industry.
- Actively coach, advise, assess the performance and conduct performance assessment of team of 7 first-year program students with support from highly trained leadership program staff, providing candid written and verbal feedback.

HackMIT – *Organizer*   September 2014 – September 2016
- Organized 1000+ person 24-hour hackathon, working alongside logistics director to ensure timely setup and cleanup and smooth flow and with corporate relations director to ensure funding from sponsors.
- Led outreach campaign for Blueprint, MIT's 2-day learnathon and hackathon for 300 high school students and ensured 30 rental laptops were available for underprivileged students.

Nu Delta Fraternity – *Webmaster, Rush (Recruitment) Chair, Steward*   February 2014 – February 2017
- Updated and maintained brother profiles and brotherhood philanthropy events on Angular-based website.
- Managed $30,000 budget to plan meals and purchase ingredients and food necessary for dinners and house events, including formal dinners and recruitment events.

SKILLS

- **Language:** Fluent oral and written Spanish, Italian, and English
- **Programming:** Python, Java, JavaScript, HTML/CSS, Android, Node, Git, Linux, Postgres, SQL, MongoDB, Golang