Carlos Henríquez

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EDUCATION

Massachusetts Institute of Technology   Cambridge, MA
M. Eng. in Computer Science   *Mar 2019*
B. Sc. in Electrical Engineering and Computer Science   *Jun 2017*

EXPERIENCE

Uber - *Software Engineer*   *Oct 2019 - Now*
- Backend engineer on the Money Commerce Lifecycle team. Working to support uCommerce migration to build generalizable money movement systems.

US Army Reserve - *35F All-Source Intelligence Analyst*   *Mar 2019 - Now*
- Specialist with TS-SCI clearance training to conduct defensive cyber operations with cyber protection team.

MIT STEP Lab - *Graduate Researcher*   *Jun 2018 - Mar 2019*
- Developed Bluetooth module for cross-platform communication to add multiplayer functionality to TaleBlazer, a platform for middle and high school students for creating location-based augmented reality mobile games.

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

Facebook - *Software Engineering Intern*   *Summer 2016*
- Implemented identity key verification and conversation initiation over NFC for Messenger's secret conversations.
- Designed, developed, and documented internal Android NFC module to facilitate future integrations.

Gruppo Loccioni (Ancona, Italy) - *User Experience Design Intern*   *Summer 2015*
- Designed and prototyped new interface for web-based energy management app using Bootstrap, SASS, and jQuery.

LEADERSHIP

MIT EECS Department - *Head TA for 6.00 - Intro to CS*   *Feb 2015 - Mar 2019*
- Designed exams, problem sets, auto-graders, and recitations with professors for intro CS class of over 620 students.
- Managed overall course logistics and led staff of 15 teaching assistants to teach weekly recitations and host weekly office hours to explain Python and computer science fundamentals.

Gordon-MIT Engineering Leadership Program - *Gordon Engineering Leader*   *Sep 2015 - Jun 2017*
- Actively coached, advised, and assessed the performance of team of 7 first-year program students with support from highly trained leadership program staff, providing candid written and verbal feedback.

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

Harvard Business School - *Summer Venture in Management Program*   *Summer 2016*
- Selected as 1 of 92 participants for one-week management training program offering participants a broader understanding of the challenges business leaders face.
- Participated in 14 case study discussions led by HBS faculty ranging in disciples such as geopolitical strategy, corporate ethics, entertainment marketing, strategic management, and entrepreneurship, among others.

SKILLS

Languages: Python, Java, Golang, Javascript, HTML, CSS, SQL, MongoDB, Spanish, Italian

Technologies: Git, Spring, Kafka, Node.js, Android, Linux/Unix, Avro/Thrift, Hive