Robert H. Belson

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EDUCATION

Northwestern University   September 2015-June 2019
Bachelor of Arts in Computer Science, Bachelor of Music in Guitar Performance   *Evanston, IL*
- **GPA:** 3.9/4.0 | **Honors:** Magna Cum Laude, Outstanding Computer Science Senior, Dean's List All Academic Quarters

Master of Science in Computer Science
- **GPA:** 3.9/4.0 | **Concentration:** Networks and Distributed Systems

Charles E. Smith High School, Rockville, MD | **GPA:** 4.9/5.0   August 2011-February 2015

RELEVANT EXPERIENCE

bloXroute Labs   September 2018-May 2019
Network Architect   *Evanston, IL*
- Supported network planning initiatives, including design specifications for Blockchain Distribution Network DDoS protection
- Developed and executed DDOS attacks on testnet to evaluate network resiliency; developed recommendations to secure endpoints
- Quality assurance tested Blockchain Distribution Network (BDN) gateway installation process

Verizon Communications
Corporate Strategy Intern   June 2018-August 2018, *Ashburn, VA*
Verizon Ventures Intern   June 2017-August 2017, *Palo Alto, CA*
Corporate Strategy Intern   July 2016-September 2016, *Ashburn, VA*
- Developed strategies to enter new market segments in media, telematics, and RF/wireless industries
- Built financial models and market-sizing projections to identify partnership opportunity with E-commerce company
- Developed architecture for data analytics project in Python to inform wireless distribution strategy
- Projected cumulative network impact across 5G-driven corporate possibilities

Radius Networks   July 2015-August 2015
RF Engineering Intern   *Washington, DC*
- Developed mobile application that scans for proximity beacons and displays advertising June data on android devices; app used by national fast food chain
- Installed and calibrated beacons for an NFL team at an NFL Stadium in seating sections, POIs, suites, and parking lot; beacons currently integrated into the team's mobile application
- Worked with Chief Engineer on Mockup Zone Tests for table tent and drive-thru services for a national fast food chain

USC Institute for Communication Technology Management   July 2014-August 2014
Marketing Intern   *Los Angeles, CA*
- Developed and executed marketing strategy to increase participation of CTM-run IoT conference by 50%
- Conducted data analysis on Millennial media consumption habits, focusing on favorite brands, preferred services, and most frequent activities across all devices

PUBLICATIONS & AWARDS

James Newman, Robert H. Belson and Fabián E. Bustamante, "Scaling Up Your Experience, Everywhere", Proc. of HotMobile, February 2019.

Robert H. Belson and Fabián E. Bustamante, "Characterizing the Global State of Inflight Wi-Fi", Transport Chicago, June 2019.

Cornell, Maryland, Max Planck Pre-Doctoral School, Saarbrucken, Germany (2019)
1st Place, Natural Sciences and Engineering, Northwestern University Undergraduate Research and Arts Exposition (2019)
Northwestern University Academic Year Undergraduate Research Grant (2018)
Northwestern University Greenbriar Equity Research Fellowship (2018)
Forbes 30 Under 30 Scholar (2017)

ADDITIONAL INFORMATION

Skills: Experienced with Python, React/React Native, Ionic, HTML/CSS, JavaScript, C++, Go, Android Studio, Microsoft Office
Classical Guitar Study and Performance: performed solo, chamber, and orchestral works at the White House, Kennedy Center, Lithuanian Embassy, Netherlands Embassy, Italian Embassy; featured on radio interview with Classical WETA 90.9 FM
Languages: Hebrew (conversational), Spanish (conversational)