

ROBERT BELSON

Full Stack Developer & Networks Enthusiast

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📍 Chicago, IL



EDUCATION

M.S. in Computer Science

Northwestern University

📅 09/2018 - 06/2019

GPA

3.9 / 4.0

B.A. in Computer Science

Northwestern University

📅 09/2015 - 06/2019

GPA

3.9 / 4.0

- Magna Cum Laude
- Outstanding Computer Science Senior Award

B.M. in Guitar Performance

Northwestern University

📅 09/2015 - 06/2019

GPA

3.9 / 4.0

- Magna Cum Laude
- Program Honors (Strings)

ACHIEVEMENTS



Research Publications

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.



Awards

- Cornell, Maryland, Max Planck Pre-Doctoral School, Saarbrücken, Germany (2019)
- Northwestern University Greenbriar Equity Research Fellowship (2018)
- Northwestern University Academic Year Undergraduate Research Grant (2018)
- Forbes 30 Under 30 Scholar (2017)

SKILLS

Python, Go, C++

ReactJS, Ionic, Node.js

Docker, AWS

EXPERIENCE

Network Architect

bloXroute Labs

📅 09/2018 - 06/2019 📍 Evanston, IL

Blockchain Distribution Network Solution

- Supported network planning initiatives, including design specifications for Blockchain Distribution Network DDoS protection
- Developed and executed DDOS attacks on testnet to evaluate network resiliency
- Quality assurance tested Blockchain Distribution Network (BDN) gateway installation process

Corporate Strategy Intern

Verizon

📅 2016 - 2018 📍 Basking Ridge, NJ

- 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

RF Engineering Intern

Radius Networks

📅 07/2015 - 08/2015 📍 Washington, DC

Location-based transaction platform

- 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
- ionWorked with Chief Engineer on Mockup Zone Tests for table tent and drive-thru services for a national fast food chain