Robert H. Belson

(301) 801-9811 • 1630 Chicago Ave., Evanston, IL 60201 • robertbelson2019@u.northwestern.edu

EDUCATION

Northwestern University   September 2015-June 2019 (expected)
Bachelor of Arts in Computer Science, Bachelor of Music in Guitar Performance   *Evanston, IL*
- **GPA:** 3.86/4.00 | **Honors:** Dean's List (2015-2018 all academic quarters)

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

RELEVANT EXPERIENCE

Verizon Communications   June 2018-August 2018
Corporate Strategy Intern   *Ashburn, VA*
- Supported strategic planning and analysis initiatives, including 5G-driven corporate possibilities in media space
- Developed data analytics solution using Python and Tableau to inform wireless distribution strategy

Verizon Communications   June 2017-August 2017
Corporate Strategy and Verizon Ventures Intern   *Palo Alta, CA*
- Built financial models and market-sizing projections to identify E-commerce partnership opportunities
- Supported Connected Car industry research and developed strategic recommendations to enter new Telematics market segment

Verizon Communications   July 2016-September 2016
Corporate Strategy Intern   *Ashburn, VA*
- Supported development of strategy to enter new RF technology market segment
- Conducted wireless industry research, consumer trend analyses, competitive financial analysis, and future scenario planning

Radius Networks   July 2015-August 2015
RF Engineering Intern   *Washington, DC*
- Developed mobile application that scans for proximity beacons and displays advertising data on android devices; app currently 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 Tech. Management   July 2014-August 2014
Intern   *Los Angeles, CA*
- Supported CMO on marketing Internet of Things Conference, and developed and executed marketing strategy to increase participation by 50%
- Conducted data analysis on Millennial media consumption habits, focusing on favorite brands, preferred services, and most frequent activities across all devices

TECHNICAL EXPERIENCE

Malolo: An Inflight Wi-Fi Characterization
- Desktop application built in Go to visualize inflight Wi-Fi performance, where users can compare specific flight and geolocation to hundreds of other measurements collected globally

ScaleUp – Web QoE Optimization Extension
- Led front-end development for ScaleUp, a Google Chrome extension serving over 1,000 users that measures network performance and dynamically adjusts page to improve quality of experience

TCP/IP Web Client and Server
- Built C++ implementation of Transmission Control Protocol for Minet TCP/IP Stack

When in Rome: Automatic Harmonic Analysis for MIDI Files
- Developed Python script that automates Roman Numeral Analysis for MIDI Files with single tonal area

ADDITIONAL INFORMATION

Skills: Experienced with Python, HTML/CSS, JavaScript, C++, 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 (fluent), Spanish (conversational)