# Johan Sebastian Ospina Buitrago Computer Engineer

Raleigh NC | Boston MA

## Skills —

# Languages:

Java, C/C#/C++, Verilog, JavaScript, Python SQL, Assembly, HTML, CSS, Bash

#### Tools:

Embedded Linux, HoloLens, Git, Visual Studio, XCode, Photoshop, Unity, NetBeans, Blender, Kali Linux

# Senior Design Project -

Ventana (ventanaiot.com):

"Holographic Displays for IoT Devices"

• Only Senior Design Team Partnered with the Microsoft Garage



# Conference Publications —

Phagebook Alpha, A Software Environment for Social Synthetic Biology [Abstract & Poster]. IWBDA 2016, 87-88

### Awards & Honors ——

2017

Student Advisor Award

2016

- 2<sup>nd</sup> place for Best Social Connection Hack at MIT Media Lab Hackathon: Reality, Virtually.
- Featured by Boston University ECE Department for Senior Design Project.
- Gold Medal and 2 Award Nominations at international iGEM Giant Jamboree
- **♦** Boston University Shark Tank Competition Winner
- **♦** Tau Beta Pi Honor Society Member 2015
- **♦** Academic Conduct Committee
- UROP funding for Research Project

# Summary -

# College graduate looking for new opportunities this Fall.

As an engineer, I love facing new challenges, overcoming new barriers, and creating something unique.

Portfolio: johanos.com Email: johanos@bu.edu

Github: johanos Cell: (919) 339 – 8132

#### Education -

2017

#### **B.S, Computer Engineering**

**Boston University** 

Cumulative GPA: 3.65, Departmental GPA: 3.9

Magna Cum Laude

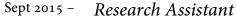
# Related Work History —

Mixed Reality Applications Engineer June 2017 -

Present Wayfair NEXT

Currently working to create new experiences for

users under Wayfair's R&D team.



May 2017 CIDAR LAB

> Developed in house productivity tools for lab management and collaboration. Later worked on a Microfluidic design hardware project that was

very well received.

Oct 2016 -Proctor U Penetration Testing Nov 2016

ProctorU ∪ Boston University

Penetration testing on the eLearning company ProctorU's client side application. Findings were used by the CTO to improve their client

side security.

May 2016 -Mobile Platform Software Engineer

Aug 2016 Wavfair

> Sped up compilation speed and worked on implemented functional pages based on given

design parameters.

Sept 2015 -Teaching Assistant

Jan 2017 **Boston University** 

> Taught Intro to Logic Design, Intro to Software Engineering, and a Freshman

Seminar class.

Sept 2015 -Software Engineering Intern

Jan 2017 Allscripts

> Developed a proof of concept Xamarin application and performance timing tools in

JavaScript.

















