

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]. IWBD 2016, 87-88

Awards & Honors

2017

- ★ Student Advisor Award

2016

- ★ 2nd 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

June 2017 -

Mixed Reality Applications Engineer

Present

Wayfair NEXT

Currently working to create new experiences for
users under Wayfair's R&D team.



Sept 2015 -

Research Assistant

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 -

ProctorU 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

Wayfair

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.

