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| 3628 Croydon Mill Way | Cell: (919) 339-8132 | Github: johanos |
| Raleigh, NC 27616 | LinkedIn: johanos | Email: johanos@bu.edu |

**EDUCATION**

**Boston University,** College of Engineering, Boston, MA **Expected May 2017**

B.S, Computer Engineering

Cumulative **GPA: 3.62**, Major **GPA: 3.9**, Dean’s List 4 Semesters, Study Abroad in Grenoble, France

***Courses:*** Cyber Security; Microprocessors; Embedded Systems; Software Engineering; Software Design; Computer Organization; Logic Design; Mechanics I; Algorithms; Probability; Control Systems; Signals and Systems; Modern Physics; Electric Circuits; French; Business Technology Innovation; Business Society and Ethics

**RESEARCH AND INDUSTRY EXPERIENCE**

**Senior Design Project at Boston University**, Boston University, MA **Sep. 2016 – Present**

* **Ventana – Internet of Things Device interaction with Microsoft HoloLens (2016)**
  + Acquired Microsoft as primary client for Senior Design Project

**Research Assistant at CIDAR Lab,** Boston University, Boston, MA **Sep. 2015 – Present**

* **Neptune – Enabling Microfluidic design for the Masses (2016)**
  + Chose the architecture of the GUI for the project and worked on Embedded System for data collection.
* **Phagebook – A Software Environment for Social Synthetic Biology (2015)** 
  + Primary Backend Developer for **Java** web app.

**ProctorU, Inc. Penetration Testing Oct. 2016 – Nov 2016**

* Did penetration tests on ProctorU’s digital proctoring system with the blessing of the CEO.
* Ranked 1st among all other student’s projects in Fall 2016.

**Software Engineer at Wayfair,** Boston, MA  **May. 2016 - Aug. 2016**

* Redesigned the Homepage for the Wayfair US application and implemented new features for our Apps

**Teaching Assistant at Boston University,** Boston, MA **Sep. 2015 – Present**

* **Logic Design – EC311 (Spring 2015)**
  + Helped plan midterms
* **Intro to Software Engineering – EC327 (Fall 2016)**
  + Led Classes and Lab Sections unsupervised
* **Freshman Seminar – EK100 (Fall 2015 & Fall 2016)**
  + Led Classes unsupervised and mentored two different groups incoming freshmen to Boston University

**Software Engineer at Allscripts,** Raleigh, NC **May 2015 – Sep. 2015**

**Theatre Technician at TSAI Performance Center,** Boston University, MA**Sep. 2013 – Present**

**Deans Host and Engineering Ambassador at Boston University,** Boston University, MA **Sep. 2014 – Present**

**SKILLS**

**Programming Languages:** Java, C++, Verilog, JavaScript, C#, Python, SQL, MIPS, HTML, CSS, Bash

**Operating Systems and Hardware:** Unix, Windows, Mac OS, Arduino, MSP430, iOS, Ultimaker 3D Printer, HoloLens

**Software:** Git, Visual Studio, XCode, Photoshop, OpenSCAD, Unity, NetBeans, Blender, Kali Linux

**Foreign Languages**: Spanish (fluent); French (intermediate)

**AWARDS AND HONORS**

Invited to Academic Conduct Committee  **Sep. 2015**

Published Abstract and Poster at International Synthetic Biology Conference for Phagebook project  **Aug. 2016**

Neptune project won Gold Medal and 2 award nominations for software and design at iGEM giant Jamboree **Oct. 2016**

Won Boston University Shark Tank Competition **Oct. 2016**

Induction into Tau Beta Pi Engineering Honor Society **Sep. 2016**

Won 2nd place for Social Connection hack at MIT Reality, Virtually Hackathon **Oct. 2016**

UROP funding for undergraduate research project  **Jan. 2016**