

# Mark Bestavros

46 Rice Road, Wayland, MA 01778 | 508-499-9119 | markbest@bu.edu

## EDUCATION

### BA/MS Degree in Computer Science from Boston University

(Expected Dec'18)

- Cumulative GPA as of May 2017: 3.44
- Computer Science GPA: 3.71

#### Relevant Coursework

- Advanced Algorithms, F'17
- Machine Learning, F'17
- Cryptography, F'17
- Network Security, S'17
- Tools for Data Science, S'17
- Computer Networks, F'16
- Data Mechanics, F'16
- Computing Systems, F'16
- Computer Organization, S'16
- Algorithms, S'16
- Programming Languages, F'15
- Data Structures, S'15

## TECHNICAL SKILLS

**Java** (Experienced — first language; frequently used in coursework/side projects/work)

**Python** (Experienced — used extensively across many courses and in my work/research)

**Web/d3.js** (Familiar — part of my research project for Data Mechanics in Fall '16)

**C#** (Familiar — used for some programming projects in high school)

**Haskell** (Familiar — used in my Programming Languages class in Fall '15)

## SELECTED RESEARCH

### Project: Algorithmic Optimizations of Boston's Public Bus Network [\[poster\]](#)

(Fall'16 - Present)

- Started as a Data Mechanics [\[link\]](#) class project to improve Boston's public bus system
- Developed optimizations for bus stop placement and efficient bus allocation
- Ongoing; current work centers around adapting techniques for BPS' school bus system

## WORK EXPERIENCE

### Android Developer Intern, VMware

(Summer'17)

- Worked on the Workspace ONE Android app, prototyping and testing new features
- Gained experience with Android dev, agile workflow, and corporate politics

### Developer Intern, Hitachi Data Systems

(Summer'16)

- Worked with the HCP Anywhere team, an enterprise file sync & share platform, on updating their Android app to better utilize modern features/APIs
- Gained experience with Android/Java and enterprise dev infrastructure

### Course Assistant, Introduction to Computer Science I and II

(Sep'15 - Dec'16)

- Undergraduate analogue to a graduate Teaching Assistant position
- Held office hours three times a week
- Ran a lab section, teaching key skills such as debugging and code etiquette

## EXTRACURRICULAR ACTIVITIES AND HACKATHONS

### Board Member, BUILDS [\[link\]](#)

(Sep'16 - Present)

- BUILDS is Boston University's student-run hackerspace
- I run/teach workshops and help organize our smaller 12-hour hackathons

### Organizer, BostonHacks [\[link\]](#)

(Aug'15 - Present)

- BU's student-run hackathon, attracting hundreds of students from around the US
- I help with event planning, outreach, hacker community building, and web dev

### Hack UMass

(April'15)

- Teamed up with HS friends to make a Leap Motion-powered musical instrument
- Placed in the top 8 out of 44 teams, as a Finalist

### Boston University Pep Band 1<sup>st</sup> Trombonist

(Sep'14 - Present)

- Perform at university engagements and sporting events

## OTHER NOTABLE ACTIVITIES

---

### **Rabat, Morocco Intensive Arabic Language Study Abroad Program**

**(Summer'15)**

- Eight-week study abroad program with intense focus on Arabic language
- Immersive learning included living in a homestay with a Moroccan family, conversing exclusively in Arabic/French
- Traveled across Morocco to places like Fes, Marrakech, Casablanca, and the Western Sahara

### **American Music Abroad Program**

**(Summer'11)**

- High-school concert tour of Europe
- Played orchestral pieces for the public in France, Germany, Austria, and Switzerland

### **Tinkering with Technology**

- I like to make mods for Skyrim. This is my primary hobby; I usually make small quality-of-life tweaks to the game, but lately I have been experimenting with some more ambitious projects (and learning the Papyrus programming language along the way).
- I also like to make custom maps and scenarios for Civilization (V). I am never satisfied with the maps that the game generates for my civ of choice (Poland), so whenever I get the itch to play, I make one myself.
- I'm always customizing and tweaking Android. I love learning about new ADB commands to make small but useful tweaks to my Android phone, and theming with substratum and custom launchers.