# Souleiman Benhida

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#### **EDUCATION**

**Cornell University** Ithaca, NY

Intended: BS, Computer Science

2017-2021

• Data Structures and Functional Programming (CS 3110), OO Programming and Data Structures (CS 2110), Discrete Structures (CS2800), Digital Logic & Comp. Organization (ECE 2300)

## Burlington High School Burlington, MA

2013-2017

- GPA: 4.5/4.0
- AP Computer Science A, AP Calculus, AP Physics C, AP Statistics, AP Biology, AP English

#### WORK EXPERIENCE

**Varsity Tutors** 

**Programming Tutor** 

July 2017-

• Tutor clients in Java development and AP Computer Science exam preparation

**Freelance Work** 

Freelance iOS developer

June-September 2013

· Worked on functionality and UI of iOS weather application; used Objective-C, Xcode, iOS SDK

# INDEPENDENT PROJECTS

**OpenEDU** (<a href="https://openedu.us">https://github.com/soule/TimeDojo</a>)

• Site that allows teachers to create classrooms, post assignments, and hold virtual "office hours" with students. Uses Ruby on Rails, WebRTC, JS, CSS, Bootstrap. Proof of a team-developed concept.

TimeDojo (https://www.timedojo.com) (https://github.com/soule/TimeDojo)

- Productivity tracking website where users log work sessions and compete with friends
- Techonologies used: Ruby on Rails, JS, jQuery, CSS, Bootstrap

PHP & AJAX Store Locator (http://www.binpress.com/app/php-amp-ajax-store-locator/544)

- Web application allowing developers to quickly integrate store location functionality.
- Technologies used: PHP, MySQL, jQuery, Google Maps API.

**AirPod** (https://github.com/soule/AirPod)

• Open-source iOS game formerly published on App Store; Objective-C, Xcode, Sparrow Framework

## LANGUAGES/FRAMEWORKS

- Primary: Java
- Familiar with: OCaml, HTML, MySQL, JS, jQuery, Ruby on Rails, PHP, iOS SDK, Objective-C

#### ACTIVITIES

## Cornell Underrepresented Minorities in Computing

2017-

- o Freshman Representative on executive board, 2018–
- Cornell Muslim Educational Cultural Association

2017-

- o Gave sermons and led prayers for 40+ people.
- Burlington High School Programming Club Co-Founder

2015-2017

- o Co-President, Vice President, participated in programming competitions
- Burlington High School Student Body President

2016-2017

• Boys & Girls Club volunteer coding class

2016-2017

o Started and taught coding class to elementary school students

# AWARDS

•	Microsoft	Imagine Cu	p Big Idea	Contest – Top	10 team worldwide
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February 2018

• National AP Scholar (8 AP Exams, average > 4/5)

July 2017

• MetroHacks II Hackathon - "Best Hardware" Prize

May 2017

• Hispanic Heritage Youth Award – Bronze Medal, Innovation & Technology

December 2016