

# Endy Iskandar Imam

18 Bay Road • Revere, MA 02151 • [imam.endy@gmail.com](mailto:imam.endy@gmail.com) • +1 (781) 854-8575  
<https://www.cs.umb.edu/~eimam/>

## Objective

To hone and utilize programming paradigms with various computer hardware to leverage hardware potential and efficiently solve problems and demands.

## Education

**University of Massachusetts Boston, Boston, MA**

**May 2019**

Bachelor of Science, Computer Science

## Relevant Coursework

Programming in C  
Advanced Algorithms

Linear Algebra  
Discrete Math

Calculus I & II  
Computer Architecture

## Technical Skills

### Languages

EXPERT IN C AND Java  
PROFICIENT IN Python, Visual Basic,  
Assembly, HTML5 AND CSS3  
WORKING ON C++ AND JavaScript

### Hardware

Arduino Board (I.E. Uno)  
Embedded Systems  
UNIX Servers  
Custom-Built PC

### Software

PROFICIENT IN Linux, LaTeX, NetBeans AND  
Vim  
WORKING ON Visual Studio AND Git

## Related Experience

**Programmer, NUTRONS Robotics, Boston, MA**

**2011 – 2015**

- Developed software in Java for in-house designed robots collaborated with Northeastern University and Revere Public School to partake in different yearly FIRST Robotics Competitions.
- Tutored new members into the team with developing and programming VEX robots for local VEX competitions and won runner-up.
- Created a responsive website for the robotics team in HTML and CSS with the programming team.
- Won Regional competitions in the FIRST Robotics Competition through the years.

## Related Course Project Experiences

**Personal Website Design (<https://www.cs.umb.edu/~eimam/>)**

**Summer 2017**

- Designed the website by scratch through Dreamweaver and Text Editor in HTML5 and CSS3.
- Hosts and updates the site and in the UMass Boston server.

### **Custom PC Build**

**August/September 2015**

- Analyzed individual computer component along with compatibility with each other.
- Constructed the hardware together into a PC by scratch and ensured stable boot to OS.

## Additional Experiences

**Barista/Crew Member, Dunkin Donuts, Boston, MA**

**August 2015 – October 2015**

- Interacted with customers and employees when serving goods to customers.
- Responded to manager with occasional menial task.
- Moderate inventory to manage product availability to customers.

**Video Editing, Revere High School, Revere, MA**

**Spring 2015**

- Developed videos in conjunction with school IT using Adobe Premier.
- Discussed with IT about edits and incorporate changes into the video project.

## Other Professional Skills

Open to learn new thing  
Proficient in Office Words, Excel, and PowerPoint

Native in English  
Proficient in Indonesian

## Community Involvement

**Tutoring, Revere Public School, Revere, MA**

**2014 – 2015**

- Tutored middle school students struggling with mathematics and help them understand the concepts at hand.