**Shashank Karthikeyan**

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East Lansing, MI, 48823 517-575-798

**Objective**

To obtain an internship or co-op in the Computer Engineering field.

**Education**

*Michigan State University*

*B.S. Computer Engineering* – (Expected May 2018)

*GPA*: 2.85

**Employment**

*International School of Kuala Lumpur – Summer tutor (June 2013 – July 2013)*

* Tutored mathematics and programing in Python (2.7).

*Michigan State University – IT Support Student at the Division of Engineering Computing Services (September 2016 – Present)*

* Installing and troubleshooting computers, peripheral hardware, printers, software and network equipment.
* Manage 3D printing jobs using the MakerBot replicator 3D printers
* Provide technical services and assistance for the college of engineering.

**Skills**

* Programming skills – Python3.X, HTML 5/CSS 3, C++11, limited experience with PHP, android development and C.
* Interesting personal projects
  + Simple platformer game in python
  + Custom build PC repair - Resoldered motherboard components and delidded CPU.

**Relevant Courses**

* *Intro to Programming 1 & 2 – Python and C++ respectively*
  + Basics of respective languages. In class projects focused heavily on data abstraction, data structure implementation and algorithm efficiency.
* *Digital Logic Fundamentals*
  + Programmable logic devices, memory elements and systems, state machines, sequential system fundamentals. Design projects done in VHDL.
* *Microprocessors and Digital Systems (present)*
  + *Microprocessor architecture, assembly language programming, interfacing, peripheral device controllers, application design.*