# **Vaibhav Patel** 201-936-5594(C)

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Systems Programming

#### OBJECTIVE |

To receive an internship/co-op position in a computer software company that will allow me to enhance my knowledge in computer science related field and apply my programming skills in the industry.

## **EDUCATION**

## Rutgers University, New Brunswick NJ

Bachelors of Science in Computer Science May 2016 with Mathematics Minor

Current GPA: 3.83

Top 10% in the class of 2016

## SKILLS |

Programming: Java, C, HTML, CSS, JavaScript (Basic), Assembly, Scheme Programs: Eclipse, CodeBlocks, UDK, Photoshop, Microsoft Office, Autodesk 3DS Max, Dr Racket (functional programming)

Operating Systems: Windows XP/ Vista/7/8, Linux, Macintosh

## COURSEWORK |

Introduction to Computer Science

 Data Structures Computer Architecture • Discrete I & II

Principles of Programming Languages

Internet Technology

Design and Analysis of Computer Algorithms

#### PROJECTS |

#### > RUBT (BitTorrent)

Given any "torrent" file, the program would parse the file and contact the tracker. Store the tracker response and download/upload small chunks of the file from different peers simultaneously.

> Mhacks (Spend time effectively)

Made a chrome extension that would detect time user spent on social networking sites such as facebook, twitter, etc. and based on it, the program would find an educational video that the user could have watched to enhance their knowledge during that period.

NSA Competition(2012)

Created a 3D game with my colleagues at Dickinson High School. We created this game using Blender, 3DS Max and UDK. The goal of this game was to have a secret agent "monkey" gather information about a fraud company without being caught by the security guards and setting off the alarm.

# **VOLUNTEER EXPERIENCE** |

## Do Something Organization

Group Leader

September 2011 – June 2012 (10 months)

- Organized events to help the community
- Planted seeds in various parks throughout Jersey City
- Raised money from various fundraising events

#### **EXPERIENCE**

WyzAnt Tutoring

March'13 – April'13

Subject: AP Calculus AB and BC

Tutored a student who was struggling with Calculus and helped her pass the

AP Calculus AB/BC exam.

# **ACHIEVEMENTS**

National Honor Society

Dean's List: Fall 2012-Current

Certification in Microsoft Office (Word and PowerPoint)