



## ABOUT ME

I fell in love with computer science in high school when I was first introduced to this field. After my bachelors, starting as a self-taught developer and gaining knowledge through making projects, I started working in the industry and finally got into Boston University getting my masters in the field I love

## SKILLS

- Advance – Python, PHP, MySQL, Java, JavaScript, Flask, Laravel, Git, Github, REST API, Test driven development
- Intermediate – C++, HTML, CSS, JQuery, AngularJS, CodeIgniter

## PROJECTS

- P2P network file exchange (Python)
- Cache Simulator (Python)
- MIPS Disassembler (Python)
- Team Management Tool (Backend Lead, Python)
- Analysing and Visualizing different Sorting Algorithms (Python)
- Pomodoro Technique and Website Blocker (JAVA)
- Buffer Overflow Attack Simulator (JavaScript, CSS, HTML)
- Memory allocation function, C++

## VOLUNTEERING

- **Flobox** – Software engineer at a women empowerment start-up

## INTERESTS

Guitar, Swimming, Reddit, The Office

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## WORK EXPERIENCE

### Student Research Assistant *Boston University*

Present  
February 2018

- <http://met-mobile.bu.edu/>
- Shifted to an agile version by writing API's and implementing functionality as required using Python and Flask
- Analyze android .apk files and reverse engineer them analyze java code for malware software using "Androguard"
- Increased frontend response time by shifting to a single page application using AngularJS and using API calls for data. Test Driven Code using Unit Testing
- Used machine learning to find similarities between applications and malicious applications

### Software Engineer *Clickmytech*

July 2017  
August 2016

- [www.clickmytech.com](http://www.clickmytech.com)
- During my time at ClickmyTech I made web applications for both the company and its customers.
- Helped increase website traffic with the help of Google SEO and Google Analytics
- Helped increased company customer base by dealing with customer's requests regarding the software they required.
- These requirements included applications in languages such as Python, C++, Java, and Web Applications

### Software Developer Intern *Twango*

Jul 2016  
March 2016

- Helped in the development of the initial application by writing API's
- Accomplished better analyzing of customer base by creating backend dashboard
- Web based dash board using MVC framework (Laravel) and AngularJS for front end

## EDUCATION

### Boston University *M.Sc, Computer Science, GPA 3.72/4*

May 2019  
Sep 2017

- Research Assistant Fellowship
- Specialization in Data Analytics and IT Security
- Worked on various projects individually and as a part of a team
- Took classes such as Operating Systems, Networking, Computer Architecture, Object Oriented Programming, Digital Forensics, Algorithms etc.

### University of Warwick, Coventry, U.K *Accounting and Finance*

July 2015  
Sep 2012

- Majored in Finance
- CFA level 1 cleared