

Harsh Patel

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Education -

University of Maryland, Baltimore County, Baltimore, MD

Bachelor of Science in Computer Science, GPA : 3.18/4.0 (Expected Graduation, May 2020)

Academic Coursework : Introduction to Python, Introduction to C++, Differential, Integral, and Multivariable Calculus, Linear Algebra, Assembly and C, Blockchain, Data Structures

Technical Skills -

Hardware : Virtual Servers, Drive Mapping, Arduino, Robotics

Software : Microsoft Office, Eclipse, Putty, Emacs, Sublime Text 3, Notepad++, Bitvise, WinSCP, Atom, Bitbucket, MySQL (Some familiarity), pfSense, OpenVPN, Hyper-V, VirtualBox, Docker

Programming : C++, C, Asm, Python, Django, Flask, HTML, CSS, Bootstrap, SQL (Some familiarity), JavaScript (Some familiarity)

Operating Systems : Windows Server R12, Windows 7/8/10, Ubuntu (Linux Distribution)

Relevant Organizations -

HackUMBC - *Member of Student Board (Jan 2016 - Mar 2017)*

- Gained exposure to multiple frameworks such as Flask, Ruby on Rails, React, and Materialize, attended hackathons hosted by HackUMBC and volunteered during Spring 2017 hackathon.

Institute of Electrical and Electronics Engineers (*Aug 2016 - Mar 2017*)

- Gained proficiency in circuitry, proper soldering techniques, and arduinos.
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Work Experience -

Federal Data Systems - *Technology Intern (Jun 2017- Present)*

- Cooperate with technical team to implement a Django application.
- Design database and connected MySQL database manager to Django application using python.
- Grasp VPN technology using OpenVPN and virtual machines in VirtualBox.
- Develop 3 different Dockerized, Flask based applications with HTTPS.

University of Maryland Baltimore County - *Undergraduate Teaching Assistant (Sep 2017 - Present)*

- Teach 20+ students core programming concepts using Python and core UNIX commands.
- Debug programming errors in assignments in order to better explain the program execution to students.

SmartHost Design Technologies - *Web and Data Analyst Intern (Dec 2016 - Jan 2017)*

- Merged client sites into a Bootstrap framework to increase User Experience on mobile devices.
- Implemented email and VoIP marketing campaign using Intrasoft, Hootsuite, and InfusionSoft, concurrently drafted mass emails, blog posts, complementary documents, and managed social media posts which went out to 1000+ customers and clients.

COSONY - *IT Intern (Jun 2016 - Jul 2016)*

- Monitored over 20 different Dell servers using Logmein and Dell OpenManage software.
 - Constructed domain controller on a Hyper-V virtual server and assigned 8 users with different permissions and 4 mapped drives to corresponding users.
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Projects -

First Robotics Competition (*Jan 2016 - May 2016*)

- Created an efficient team structure, and led a team of 16 students during a 6 week building period in order to design, construct, and program a robot. We received Highest Seeded Rookie, Rookie of the Year and, Inspiration awards at the Regional level.