

**Vikram Hegde**

US Born St. Louis Native

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**PROFESSIONAL & ACADEMIC SUMMARY**

* Awarded **Outstanding Graduate of the MS in Computer Science Program**, Fontbonne University, 2017/2018
* IT Professional with experience in WordPress, HTML, CSS, and JavaScript.
* Microsoft Certified in ASP.NET 3.5 using C#.
* Experienced in developing a database from spreadsheets, as well as working with SQL using Microsoft Access and SQL Server.
* Performed research in healthcare and cybersecurity.
* Hard working and self-motivated; learns and adapts to new environments, technologies and systems quickly.
* Team player with excellent verbal and written communication and interpersonal skills.

**TECHNICAL SKILLS**

**Programming/Technical:** C#, .NET Framework

**Web Development:** HTML5, CSS, JavaScript, jQuery, Bootstrap, ASP.NET MVC, WordPress

**Databases:** MS Access, SQL Server

**Other:** Git

**PROFESSIONAL EXPERIENCE**

**Moneta Group, St. Louis, MO February 2018 - Present**

**Software Engineer**

* Developed ASP.NET MVC web application using Entity Framework for submitting IT change request forms

**Fontbonne University, St. Louis, MO August 2016 – July 2017**

**Cybersecurity Research Assistant**

* Researched security for Internet of Things (IoT) devices under the guidance of the Director of the Cybersecurity Program.
	+ Investigated how to prevent Distributed Denial of Service (DDoS) attacks that use compromised IoT devices.
	+ Produced a simulation in Java using the GraphStream open source library to model the spread of worms in different IoT architectures based on various factors.

**Healthcare Efficiency Solutions (HCES), St. Louis, MO October 2013 – October 2015**

**Web and Database Developer**

* Developed a hospital database.
	+ Used Microsoft Access Designers to import data from Excel spreadsheets produced by the company Research team.
	+ Wrote SQL queries that aided the company Sales team in targeting specific geographic regions and kept track of sales calls and important hospital personnel, which saved time and increased productivity.
	+ Used data from the database to produce maps on Google Maps, providing a visual representation of the distribution of hospitals in particular health systems and their distance from St. Louis, Missouri.
* Utilized WordPress and HTML/CSS to increase awareness of the company and its healthcare solutions by developing the company website, [http://hcesllc.com](http://hcesllc.com/) (see vikramhegde.com/portfolio.html to view).
* Helped Management save time by performing research about the top healthcare systems and their leadership.
* Updated the website for a partner of HCES, CVT, Inc., [http://cvtinc.net](http://cvtinc.net/), using WordPress and HTML/CSS.

**EDUCATION/TRAINING**

**Fontbonne University, St. Louis, MO**

Master of Science in Computer Science (October 2017), GPA: 4.0

Won 2nd place in the HackEDU Hackathon at the University of Missouri-St. Louis

Participated in Central Area Networking and Security workshop (CANsec) at Fontbonne University

Co-presented on a Public-Key Cryptosystem called NTRU at an SIU-Carbondale Symposium

Graduate coursework included: Machine Learning, Cryptography, Data Mining, Network Security, Software Engineering, Computer Architecture, Databases, and Operating Systems

**American Sentinel University, Aurora, CO**

Bachelor of Science in Computer Science (March 2011), GPA: 3.71, Graduated with Cum Laude Honors

**Ranken Technical College, St. Louis, MO**

Associate of Science in Electronics Engineering Technology (May 2006), GPA: 3.683, Spring 2006 President's List

**Certifications:**

Microsoft Certified Technology Specialist (MCTS), ASP.NET (May 2013)