

Sunil Shrestha

2251 Sherman Avenue NW, Washington, DC 20001 | (202)-855-3206 | sunilstha108@gmail.com

Education

<i>Howard University, Washington, DC</i>	Expected Graduation- May, 2019
<i>Bachelors in Computer Information Systems, Honors</i>	Cumulative GPA- 4.0/4.0
<i>Minor in Mathematics</i>	

Related Coursework:

Network/Internet Security Management	Finance Principles	Intro to Java Programming
System Analysis and Design	Accounting I and II	Intro to Software Design
Database Management	Statistics for Business and Economics	Calculus I and II
	Management Information System	Economics I and II

Professional Experience

Research Assistant, *Department of Computer Information Systems, Howard University* April, 2017 – Present

Advisors: Dr. Rajni Goel and Dr. Carlos Buskey

- Identify metrics and develop frameworks that can be strategically used to quantitatively measure an individual's online social capital.
- Build questionnaires to collect data and research peer-reviewed literature to analyze the data obtained.
- Systematically record all the research procedures applied and the data identified.

IT Assistant, *Sodexo, Blackburn Center, Howard University* January, 2017 – Present

- Coordinate with Enterprise Technological Services (ETS), Vivonet, and Blackboard to troubleshoot an average of 3-4 technical issues per day, such as network outage in POS (Point of Sale) system and hardware configuration issues in different terminals, for the HU Dining Services that caters to 1500-2000 students daily.
- Make sure that all the terminals in every station around campus are fully functional and performing smoothly by doing every day maintenance check.

Applied Calculus Tutor August, 2016 – December, 2016

- Coordinated with the schedules of 30 freshmen to increase their comprehension of Calculus resulting in an increase of at least one letter grade for all students.
- Taught complex theories of functions, limits, derivatives, antiderivatives, and partial differentiation in simpler terms by illustrating their applications in the real world.

Technical Skills Development

JAVA Boot Camp May, 2017 – July, 2017

- Attended a two month long intensive boot camp and developed programming and web development skills on Java, MySQL, HTML, CSS, and JavaScript at Sterling Business Advantage, LLC, Montgomery College, MD.
- Projects ranged from creating Java console applications to developing n-Tier MVC (Model View Controller) compliant enterprise applications using servlets, JSPs (Java Server Pages), and Java Persistence API (JPA).
- Complete projects on <http://github.com/sunilstha1111>

Systems Analysis and Design August, 2017 – Present

- Design, develop, and deploy a Relational Database to transform the manual data processing system into a fully functional automated system.
- Use Entity Relationship Diagram (ERD) to show Logic Design and Data Flow Diagram (DFD) to illustrate how data flow within the newly designed computerized business system.

Investment and Trading Skill Enhancement August, 2017 – Present

- Working on *Howard University School of Business Trading Challenge* which provides \$500,000 virtual money to students to do trading simulation in a real life scenario.
- Monitor business and financial news and research about the quantifying effects of world events on financial markets in order to evaluate the potential investment opportunities.

Awards/Honors

- Received *Capstone Scholarship* at Howard University which covers full tuition and room fees.
- Received *HU School of Business Challenge Scholarship* for showing exceptional academic performance.