Omar Syed

Email: omarsyed26@gmail.com
Github: https://www.github.com/OmarSyed
LinkedIn: https://www.linkedin.com/in/omar-syed-71b001134/
Mobile: (845) 521-1056

EDUCATION

Stony Brook University, Stony Brook, NY
B.S. Computer Science
GPA: 3.61/4.0
Expected Graduation Date: May 2019
Accomplishments: Dean's List (2015 – present)

RELEVANT COURSES

Data Structures & Algorithms	Python Programming	Web Security
System Fundamentals	C Programming	Introduction to Software Development
Java Programming	Computer Networks	

TECHNICAL SKILLS/STRENGTHS

- **Languages:** C, Java, Python, JavaScript, PHP, C++, SQL, Assembly (MIPS), HTML/CSS
- **Operating Systems:** Windows (7, 8, 10), Linux
- **Frameworks/Software:** Git, MySQL, Bootstrap, jQuery, AngularJS, AJAX, Android Studio
- **Miscellaneous:** REST APIs, Socket programming, TCP/IP Protocol suite, Urdu/Hindi

PROJECTS

DataVilij (Java)
- Required a data analyzer with a GUI
- Built a data analyzing framework over JavaFX
- Utilized JavaFX to build modular GUI framework and linked algorithms with visual representation of data
- Allows data visualization to be coupled with data analysis through use of classification and clustering algorithms

Globitek CMS (PHP/SQL)
- Created a website and database for fictional company, where users can register accounts, which are saved in SQL database
- Utilized prepared statements in PHP to connect website to MySQL database and prevent SQL injections
- Ensured user data confidentiality by securing website against attacks such as cross-site scripting and cross-site request forgery

Invoice Automation (Python)
- Needed to expedite process of transferring excel data into customer invoices
- Using pandas, extracted transactional data from excel sheet and inputted data onto squareup.com
- Expedited process of creating customer invoices by over four hours

Command Line (C)
- Required a Linux-based terminal to access system files
- Utilized C's system libraries to direct user input to appropriate system directory and execute files

EXPERIENCE

Stony Brook University	**Stony Brook, NY**	**Teaching Assistant**	**January 2018 – Present**

- Acted as teaching assistant to Computer Networks professor, Dr. Martin Radfar
- Understand TCP/IP protocol suite and explain its function to students
- Expedited grading process to return quizzes to students in a timely manner
- Organized student grades on Excel spreadsheet

Burlington Stores Inc.	**Yonkers, NY**	**Sportswear Associate**	**June 2017 – August 2017**

- Handled customer inquiries and transactions in friendly manner, which led to repeat customers
- Overhauled sportswear section, which led to safer, less accident-prone environment and more customer-friendly merchandise selection
- Raised over 2000 dollars as part of Adopt-A-Classroom