

Jonathan Shreckengost

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<https://github.com/JonathanShrek>

Education

- **Southern New Hampshire University** Manchester, NH
B.S. Computer Science (Current GPA: 3.92) Dec. 2017 - Current (Senior)
 - Relevant courses: Computer Platform Technologies, Computer Science Role in Industry, Introduction to Linux Operating System, Object Orient Analysis and Design, Introduction to SQL, Foundation in Application Development
- **Wharton County Jr. College** Wharton, TX
A.S. Physical Therapy Assistant (GPA: 3.20) 2012-2016
- **Wharton County Jr. College** Wharton, TX
A.A. General Studies (GPA: 3.20) 2012-2016

Work Experience

- **G.S. Precision** Brattleboro, VT
Software Developer Dec. 2019 - Current
 - Meet with team members of different departments to discuss and analyze how technology can be used to increase productivity and efficiency.
 - Develop scalable applications for business needs and replace legacy applications.
 - Maintain effective communication, documentation, and a positive attitude interacting with my team, fellow employees, and customers.
 - Monitor, maintain, and develop databases for applications and the business ERP system.
- **Genesis Rehab Services** Keene, NH
Physical Therapist Assistant Nov. 2016 - Current
 - Provide physical therapy services in a skilled nursing facility for handicap and elderly patients and residents.
 - Work in a small team environment while maintaining effective communication to best care for the safety and outcomes of the patients and residents.
 - Maintain documentation, both physical and digital, to ensure patient and resident safety.
- **Brookshire Brothers** Ganado, TX
Cashier/Produce Stocker Aug 2013 - Jun. 2016
 - Assisted customers and managed money in a professional environment.
 - Worked in a small team environment to ensure customer satisfaction.
- **Burley Auction Gallery** New Braunfels, TX
Auction Floor Associate Nov. 2012 - Jul. 2013
 - Assisted customers on the auction floor to view and handle items.
 - Assisted in the movement and transportation of items being put up for auction.
 - Used Photoshop to prepare images for the auction house newsletter, advertisements and website.
 - Worked in a small team environment to effectively ensure product was advertised, tagged, moved, and staged by a set deadline.

School Projects

- **User Login Program** Manchester, NH
Foundation in Application Development, IT-145 *Aug. 2018 - Oct. 2018*
 - Used the JAVA programming language to create a login program for users to access data specific to their account.
 - Utilized proper hashing and salting of user passwords for privacy and security.
 - Utilized current object oriented programming concepts for ease of possible future scaling.
- **Other Projects**
Home *2018-Current*
 - Designing and debugging a webscraper in the python language to pull titles, links and other information of tech related articles from a given website. Added features to import this information into .csv files for future referencing.
 - Created a CLI user login program utilizing the python programming language that hashes and salts passwords utilizing the argon2 algorithm. Added features to store usernames and hashed passwords in a SQL database for quick lookup and referencing for possible future features.
 - Designing and debugging a small program in the python language to visualize how efficient a binary search is in comparison to a linear search on large arrays of sorted data.
 - Designing and debugging a program in the python language to track files in specific directories and update SQL tables with the information of these files.

Skills

Languages: Python, VB.net, TSQL, Java, C++, L^AT_EX, Bash

Operating Systems: Linux (Arch, Ubuntu), Windows 10, UNIX, MacOS X

Applications: Visual Studio, SQL Server, Git, Mysql/Mariadb, VirtualBox, Vi/Vim, LibreOffice, L^AT_EX, NetBeans, OpenSSH

Miscellaneous: Software configuration management, strong verbal and written communication skills, excellent troubleshooting and debugging skills, exceptional problem solving skills, good teams skills

Interests

Academic: Machine learning, artificial intelligence, robotics, networking, cryptology, app development

Sports: Running, cycling, football, baseball and hockey

Computers: Enjoy using and learning Linux systems, building software projects at home, writing Python software and learning new programming languages

Musical: Playing guitar and piano

Membership: Student member of ACM since 2018

Other: Traveling and spending time with my wife and our dog