PARKER HANSEN

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EDUCATION

University of North Texas | Denton, TX   **August 2017 - December 2020**
- **Bachelor of Science in Computer Science**
- **Relevant Coursework:** Foundations of Computing, Foundations of Data Structures, Data Structures, Systems Programming, Software Engineering, Internet Programming, Computer Security, Algorithms, Computer Networks, Fundamentals of Database Systems, Digital Logic Design, Calculus II, Linear Algebra, Probability Models

Tarrant County College | Fort Worth, TX   August 2016 – May 2017
- **Relevant Coursework:** Computer Science I, Statistics and Probability

SKILLS
- **Programming Languages:** C, C++, Python, JavaScript, HTML, CSS
- **Operating Systems:** Mac, Windows, Linux
- **Tools:** Git, GitHub, GitLab
- **Development Process:** Agile, Scrum

PROJECTS

Command Line Interpreter | Group Project
- Implemented a command line interpreter (shell) in C as part of a group.
- Individual contributions to the project were cd and redirection functionalities for the shell.
- Developed cd function to change the user's working directory to the specified directory or to the home directory if no argument is passed.
- Developed redirection function to redirect input or output of commands to specified files by the user.
- Worked in a scrum environment.

Hopscotch Hash Table | Individual Project
- Implemented a hash table in C++.
- Developed a function to insert into the hash table using Hopscotch Hash algorithm with recursion as the collision strategy.
- Developed additional functions to search and delete from the hash table.

EMPLOYMENT HISTORY

Footwear Enthusiast
Academy Sports and Outdoors | Denton, TX   July 2018 – May 2020
- Provide prompt and friendly customer service to all customers.
- Drive sales through customer service, sales techniques, and store knowledge.
- Work the footwear section to ensure cleanliness and excellent organization.