937.829.4938
chrismsmallwood@gmail.com

CHRIS SMALLWOOD

linkedin.com/in/chrismsmallwood

EDUCATION

New York University,
Tandon School of Engineering   Brooklyn, NY   **Summer 2018 – Fall 2020**

- M.S. in Computer Science, December 2020. GPA: 3.6.
- Bridge to Computer Science Program, December 2018.
- Graduate Coursework: Algorithms, Operating Systems, Programming Languages, Machine Learning, Computer Vision, Big Data Programming, Java, Information Visualization, Database Systems.
- Bridge Program Coursework: C++, Data Structures, Algorithms, Object Oriented Design, Networking.

PROJECTS

Rock Climbing Database   Python, SQL   **Fall 2020**

- Deployed a Streamlit web application which allowed users to query their climbing accomplishments and goals based on a variety of features in the data.
- Emphasized complex queries of the database with outputs drawing information from multiple tables.

Yahtzee Game   Java   **Fall 2020**

- Created a desktop application for the game of Yahtzee using Java's Swing framework.

Flight Delay Application   Python, Spark, SQL   **Fall 2019**

- Collaborated with two classmates to create an application for predicting average flight delay times at the three major NYC airports based on the user's airline, flight time and current weather conditions.
- Leveraged historical flight delay and weather station datasets to model delay times.

TECHNICAL SKILLS

- Python, Java, SQL, D3
- Apache Spark, Jupyter, Eclipse, Visual Studio, Azure Data Studio

EMPLOYMENT

Software Engineer, Contract   Pricing Cloud   **May 2021 – Present**

- Cleaned and validated a client's dataset consisting of over 700,000 records across multiple Excel files for migration to a SQL database.
- Assisted core team in transitioning the client from Excel based workflow to Microsoft Power Apps application.
- Established quality assurance testing protocols for application and performed QA testing and bug tracking.

Warehouse Lead   Patagonia, Inc.   **Fall 2015 – Fall 2017**

- Spearheaded a restructuring of the store's warehouse infrastructure and workflow leading to increased productivity and efficiency.
- Trained staff on warehouse procedures and supervised employees working in the warehouse.
- Assisted management with store leadership decisions.

Floor Lead   Patagonia, Inc.   **Fall 2014 – Fall 2015**

- Supervised associates working on the sales floor to ensure best experience for customers.
- Worked to inspire coworkers and customers through the company's devotion to environmentalism.

Operations / Climbing Assistant   Brooklyn Boulders   **Fall 2014 – Fall 2015**

- Instructed novice climbers on the basics of bouldering and climbing gym safety.
- Strengthened customer service skills in an often-chaotic work environment.