

# BHARGAV PATEL

bhargavp954@gmail.com | New Jersey, USA | [linkedin.com/in/bhargav-patel610/](https://www.linkedin.com/in/bhargav-patel610/) | [github.com/Bhargavp610](https://github.com/Bhargavp610) | [bhargavp610.github.io/BhargavPatel\\_Portfolio/index.html](https://bhargavp610.github.io/BhargavPatel_Portfolio/index.html)

## PROFESSIONAL SUMMARY

---

In order to progress professionally and be inspired to push the boundaries of Computer Science, I want to work in a dynamic, competitive atmosphere. I'm excited about using my knowledge to support the organization's success. I'm looking for a position with a progressive business that values innovation and offers opportunities for both professional and personal growth.

## EDUCATION

---

### New Jersey Institute of Technology

Bachelor's computer science

January 2020 - December 2022

GPA:3.165

### Hudson County Community College

Associate's computer science

January 2020 - December 2022

GPA:3.7

## CERTIFICATIONS

---

- NSLS Leadership Certification
- 3rd Place – Senior Capstone Project Showcase, NJIT
- Student of Dean's List

## SKILLS

---

**Programming & Tool:** C, C++, Java, Python, SQL, PL/SQL, HTML, JSON, XML, PHP, Git, GitHub, Unity (C#), MongoDB, BeautifulSoup, Microsoft

**Soft Skills:** Communication, Time Management, Adaptability, Teamwork, Problem-solving

## EXPERIENCE

---

### Uber *Food Delivery Driver*

New Jersey, USA *Febr 2023 - Present*

- Delivered food while resolving delivery issues and maintaining strong customer relations
- Practiced time management and adaptability to meet expectations in a fast-paced environment.

### Dunkin' *Shift Leader*

West New York, NJ, USA *Jan- 2020 - Dec- 2022*

- Managed daily store operations, delegated tasks, and resolved customer issues for satisfaction, improving efficiency and team coordination through collaboration and standardized procedures.

### Hudson County Community College *Enrollment Assistant*

Jersey City, NJ, USA *Mar 2022 - Jun 2022*

- Guided students through admissions procedures and clarified application-related questions
- Maintained accurate data records and provided helpful, clear communication during in-person and phone interactions.

## PROJECTS

---

**Lexical Analyzer (C++):** Built a compiler component to tokenize input using regular expressions and finite automata. Detected syntax errors and validated lexical structure efficiently.

**15-Puzzle Solver (C):** Developed an A\* search algorithm to solve the classic sliding tile puzzle, implementing heuristics like Manhattan Distance for optimized pathfinding in large state spaces.

**Stock Tracker (Python, BeautifulSoup, PHP, MongoDB):** Scraped live stock data using BeautifulSoup and stored it in MongoDB. Created a backend with PHP to serve and monitor stock changes via a lightweight server-side script.

**Advanced Database System (PL/SQL, JSON, XML, MongoDB):** Designed and queried advanced database structures; converted XML to JSON and vice versa. Wrote and optimized complex PL/SQL queries for academic data analysis.

**3D Game Projects (Unity, C#):** Created multiple games emphasizing realistic movement and physics. Senior project included designing a realistic avatar with smooth walking animations using animation blending and inverse kinematics in Unity.

**redit Card Categorization (using scikit-learn and Python):** Decision Tree, KNN, and Naive Bayes models are used to classify credit scores into Good, Standard, and Poor categories. focused on model training, cross-validation, feature selection, and accuracy evaluation using a precision/recall and confusion matrix.

**Weather Predictor (Python, Regression Models):** A machine learning model was developed to forecast the weather based on previous meteorological data. Excellent interpretability and test-set assessment were achieved in the training of the regression model, feature scaling, and data preparation.