

# Grant Urquhart

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## Contact

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Chicago, IL, 60614

## Software Experience

**Bigram Search Engine Project** | November 2022

- Detected and ranked bigrams in a corpus of data.
- Filtered out common stop-words from query and corpus processing.
- Document output is based on the pre-processed rankings of the bigrams found in user query.

**Board Solver BFS Project** | November 2022

- Implemented breadth-first search algorithm to find the shortest paths to victory in a board game.
- Created a board object to hold values and implemented moving values with user input.

## Work Experience

**Owner of 312 Tech Repair**

Chicago, IL | October 2017 – Current

### ***Achievements***

- Achieved and maintained a 5-star rating on Google by selling repair services and other products to customers (B2C) and providing micro-soldering services to businesses (B2B).
- Used customer survey data to improve business performance through data analysis using Tableau and Excel.
- Maintained a strong commitment to customer data protection and ethical practices.

**Server at Medi Restaurant**

Chicago, IL | August 2022 - Current

### ***Achievements***

- Multitasked effectively to ensure timely and accurate service.
- Provided exceptional customer service in a fast-paced environment.
- Developed and maintained positive customer relationships.

## Skills

- Programming: Java, Python, C, SQL, R.
- Data: Documentation, processing, analysis, machine learning.
- Design: Adobe Creative Suite, Photoshop CS6 certified.
- Office: Microsoft Office.
- Statistics: Hypothesis testing, regression analysis.
- Interpersonal: Effective communication, collaboration.

## Education

Expected Graduation 06/2024

**DePaul University**

Chicago, IL

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Bachelor of Science: Computer Science

Concentration in Software Development

Relevant Coursework:

- Algorithms
- Data Structures
- Systems
- Search Engine Courses
- Data Analysis Courses

06/2020

**Taft High School**

Chicago, IL

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High School Diploma and Academic Center

Honor Roll Student