

# ROSHAN KARKI

roshankarki2@my.unt.edu | 469-258-9110

## Education

---

### University of North Texas

Aug 2018 - Now

#### Major: Computer Science (Expected May 2021)

- **Relevant Courses:** Algorithms, Data Structures, Systems Programming, Software Development
- **GPA:** 3.3
- **Honors:** Dean's List (2)

### Richland College

Aug 2016 - May 2018

#### Major: Computer Science

- **Relevant Courses:** Introduction to Programming, Object Oriented Programming
- **GPA:** 3.5
- **Honors:** National Society of Collegiate Scholars, AANAPIS Scholarship

## Knowledge and Skills

---

**Software Development Paradigm:** Object Oriented Programming and Agile Methodology

**Languages/Frameworks/Tools:** Java, Python, C/C++, HTML, CSS, JavaScript, MySQL, Twitter API, Spotify API

**IDE:** VS Code, Pycharm, Eclipse, IntelliJ, Netbeans, Microsoft Visual Studio

**Version Control:** Github

**OS:** Linux, Mac, Windows

## Work Experience

---

### IT Intern, Richland College

Jan 2018 - May 2018

- Assisted with helpdesk and ticketing system.
- Helped install softwares on lab workstation.
- Helped troubleshoot lab workstation's system errors.

## Personal Projects

---

### Tweet Finder

- Built GUI based desktop application that filters tweets based on a keyword, if the keyword is found within the tweet; it will output the tweet in an organized manner.
- Technologies used: Java, JavaSwing, Twitter API and Twitter4j

### Personal Website

- Built personal website to showcase my projects.
- Technologies used: HTML and CSS
- Link: <https://roshankarki0.github.io/roshankarki/>

### Spotify Assistance

- Built terminal based application to let user create and insert tracks into spotify playlist. User is also able to insert tracks into an existing playlist. One important feature of this application is the ability to refresh token. Refreshing token allows program to automatically create authentication after the block period has expired.
- Technologies used: Python and Spotify API
- Link: <https://github.com/roshankarki0/Spotify-Assistance->