

# Niccolo Guidarelli

## IT Professional

### Contact

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(612) 212-6660

### Education

#### University of St. Thomas

St. Paul, MN  
Major: Computer Science  
Minor: Business Administration  
Graduation: 12/2023

#### Udemy Coursework

The Complete PL/SQL  
Bootcamp (2023)  
The Complete Oracle SQL  
Bootcamp (2023)

### Key Skills

Python  
C  
Java  
PL/SQL  
Algorithm Design  
Object Oriented Programming  
Oracle Forms  
PeopleSoft  
Crystal Reports  
Accounting  
GAAP  
Activity-Based Costing  
Budgeting

### Objective

Data driven IT professional with a strong passion for finding the meaning behind numbers. Seeking an opportunity to utilize my skills in both information technology and accounting.

### Experience

#### Minnesota IT Services Partnering with Transportation

##### Student Worker • 09/2022 - Present

- Developed Crystal Reports
- Participated, as a developer, in a project to reimagine equipment rate calculations and methodologies
- Converted Microsoft Access queries to PL/SQL
- Performed development changes in Oracle Forms
- Performed enhancements to an application that projects salary and non-salary budget (PL/SQL database procedures)
- Stepped through application code, while presenting to the team, to further everyone's knowledge of its functionality
- Member of the budget portfolio team to maintain an application used to track MnDOT's annual budget
- Active participant in the MNIT annual objectives and key results brainstorming session
- Analyzed SWIFT financial data

### Project Work

- Developed multiple sorting and searching programs in Python, C, and Java.
- Received extra credit for improving the program design in an assignment. This change made the program more efficient.
- Created programs with stacks, queues, and binary search trees.
- Created a program that determines the hamming code of an integer in MIPS.
- Lead a business management team through a case study project.

### Volunteer Work

- Community Action Partnership (CAP) - CHORE Program  
Assist senior citizens at their homes by doing yard maintenance, house cleaning, and minor repairs.
- Organized a clothing drive for Good Will.
- Made paracord 'survival' bracelets for Operation Gratitude.
- Volunteered at Feed My Starving Children on multiple occasions.