

# WILLIAM KOPEC

Chicago, IL

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## EDUCATION

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### University of Illinois at Chicago

*BS in Computer Science, Dean's List for 2 Semesters*

January 2019 — May 2022

*Chicago, IL*

### Wilbur Wright College

*Associate's in Science*

August 2016 — December 2018

*Chicago, IL*

## COURSEWORK / SKILLS

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- Data Structures
- Database Systems
- Computer Algorithms
- Systems Programming
- Software Design
- Artificial Intelligence
- Unix Terminal Bootcamp
- Intro to Data Science

## PROJECTS

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### My Personal Website [↗](#) | Html, Css, JavaScript

2023

- A website made to showcase my skills, personal projects, and facts about me. This project is currently hosted at [willkopec.com](http://willkopec.com) and uses an API to retrieve information about markets.

### Stock Screener Android Application [↗](#) | Java, Python

2023

- An app developed in Android Studio which is compatible with all android devices and screen sizes. This app uses both Java and Python Libraries to scan through market indices and find stock symbols that fit the criteria of the Golden and Death Cross trading strategies.

### Covid-19 Vaccine Tracker [↗](#) | SQL, Java

2021

- A database management system made for people to keep track of their vaccination cards. The purpose of this project was to simplify the verification of vaccination records. Instead of having to carry a card around, this will allow you to keep track of your information with a database via a personal ID number.

### University Of Illinois Campus GPS [↗](#) | C++

2020

- A GPS application which loads nodes from a campus map and uses Dijkstra's algorithm to calculate the shortest path from your current location to your destination

### Bacarrat Game [↗](#) | Java

2019

- A Client/Server application used to Implement the rules for the popular casino game Bacarrat. Used JavaFX to create an interactive GUI for buttons and a chat for the current table

## QUALIFICATIONS

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- UIC graduate offering a strong foundation in engineering and programming principles across multiple platforms
- Experienced in object-oriented programming; developing, testing and debugging code; designing interfaces, and administering systems and networks
- Willing to learn and master new technologies; successful working in both team and self-directed environments

## TECHNICAL SKILLS/KNOWLEDGE BASE

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**Languages: (Comfortable)** Python, C++, Java, SQL, HTML/CSS, JavaScript, BASH (**Familiar with**) C, C#, F#, Scala, Go

**Developer Tools:** Eclipse, Anaconda, VS Code, IntelliJ Idea, PyCharm, Android Studio

**Technologies/Frameworks:** GitHub, MATLAB, SolidWorks, OpenCV

## EXTRACURRICULAR

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### SAE @ UIC

Jan 2019 – May 2022

*Battery Management System Team*

*Chicago, IL*

- Active member of Society of Automotive Engineers at UIC. Responsible for researching and help engineering a Battery Monitoring System (BMS) for the Formula One competition car. **Used a Raspberry Pi with a temperature sensor to track/manage data about the battery's temperature**

### Certifications [↗](#)