

WILLIAM KOPEC

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EDUCATION

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

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

PROJECTS

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

2023

- A website made in Html, Css, and JavaScript. This website was made to showcase my skills, personal projects, and interesting facts about me.

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

- 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

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

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 (Must be logged in to LinkedIn) [🔗](#)