


# Youssef Chouay

Software Engineering Student

## CONTACT ME AT

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## SKILLS

Java, Python, C, PHP, React.js, Node.js, SQL, Firebase, Mango, Linux, Bootstrap, Figma, Wordpres, Team Work, Communication, Time Management, Leadership,

## ACHIEVEMENTS

- 3x Basketball regional Champion
- Black belt in Tae-Kwon-Do
- Semi-finalist in math olympiades
- Best delegate in a Model United Nations

## EXPERIENCE

### • Automation Framework Developer

(September 2022 - Present)

- Developed and enhanced a dashboard (Django/Angular based web application) used by 70+ employees
- Enhanced a Python-based automation framework
- Developed new APIs to optimize the response time and efficiency of multiple applications by up to 80%
- Developed automated tests, enabling faster design and test cycles.
- Tested and worked on leading edge, high performance cloud technologies.
- Developed full end to end system tests to validate the product as a customer would use it.
- Participated in all aspects of the software development process using agile development

### • Full-Time Web developer

(May 2022 - August 2022)

- Programmed and debugged the University's course search engine ([Link here](#))
- Worked with a team to renew, build and deploy new University's websites
- Developed User personas, wireframes and UI

### • Project assistant - Web design

(Jan 2022 - Apr 2022)

- Contributed in the transition from the old University's Website to the new one until deployment ([Link to Website](#))
- Designed and developed UI of client websites in law sector.
- Automated the data collection process by programming a web scrapper that collected all the needed information from the every page on the website and organizes it

### • Data analyst

(May 2021 - Aug 2021)

- Sourced and developed new strategic ways of storing and handling data
- Managed Data and made sure all systems work perfectly

## EDUCATION

### • Bachelors' in Software Engineering | University of Ottawa

(Sep 2020 - Present)

CGPA : 8.4

## PROJECTS

### • Paul | Voice Assistant

- A voice assistant that interacts with you
- The voice assistant has a wake up call and responds to whatever you ask it
- Python

### • Post-It | Social Media

- A social media that lets you share posts with your feed and react to them
- Developed to make a more minimalist way to share things with your friends and family
- Node.js, HTML, CSS, Javascript

### • Compressor | Algorithm

- A Compressor/Decompressor similar to how zip works
- It uses an efficient algorithm to optimizes how data is stored
- Java

### • MyLibrary | Web application

- A simple web application that lets you create an account and store your digital books in one place
- Figma, Node.js, HTML, CSS, Javascript

### • Space invaders | Game

- A copy of the famous game space invaders
- Python, PyGame