AKSHATH CHAUDHARY

✉ akshath.chaudhary@uwaterloo.ca 🌐 my-website 📞 (416) 830-4337

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» EDUCATION

University of Waterloo
1B, Candidate for Bachelor of Computer Science, 2024
- GPA: 3.98/4.00
- Faculty Average: 91.67%
- Term Average: 90.4%

» SKILLS

LANGUAGES: Python, C, HTML, CSS, JavaScript, Dr. Racket
TECHNOLOGIES: Bootstrap, jQuery, Node.js, Express.js, Git, EJS, SQLite, MongoDB, Mongoose, REST, Selenium WebDriver

» AWARDS & HONORS

Dean's Honours List - University of Waterloo
- On the Term's Dean's **Honours List** for excellent performance in 1A

Euclid- Faculty of Math Scholarship
 - University of Waterloo
- **$8000 CAD** scholarship for excellent performance in the Euclid exam conducted by UWaterloo
- Zonal-topper

IMO Gold Medalist - SOF
- Won Gold medal in International Mathematics Olympiad conducted by Science Olympiad Foundation
- City Topper

Gold Medalist - Titan
- Gold medallist in Titan's National Arithmetic Championship

» PROJECTS

Founder - Pre-Startup Stage   Current
- Approved for **funding** from **Concept**, a Pre-Incubator for UWaterloo students
- The product **improves** rate of **retention** by utilizing a learning mechanism based on **Active Recall** and **Spaced Repetition**
- Integrates the learning mechanism with a note-taking device that utilizes a retrospective time-table

Cryptocurrency Portfolio
- Built an application in **Python** for managing cryptocurrencies.
- Used CoinMarketCap **API** to request for data
- Used **Tkinter** to develop a **GUI** for managing the portfolio
- Connected the app to a database using **SQLite** to manage the user's portfolio

Todo List
- Developed a **web application** for maintaining To-Do Lists remotely
- Built **front-end** for the application using **HTML5, CSS3, JS, Bootstrap** and deployed it on Heroku
- Developed **back-end** using **MongoDB** and hosted the database on Mongo Atlas for remote access

Blackjack
- Developed a player vs computer version of Blackjack using **Python**
- Implemented the game using **Object Oriented Programming** principles by defining classes for chips, hands, etc.

» RELEVANT EXPERIENCE

Aviconn · Intern   June 2018
- Received training in **automated software testing** with Python, BDD, Selenium WebDriver, and Postman, focusing on **web applications** and **REST APIs**
- Collaborated with multiple teams to develop, design and enhance automation test suites

Michigan Valley · Mentor   2017 to 2018
- Mentored science students for various contests, olympiads, quizzes, and talent search exams at Michigan Valley (a STEM teaching innovation hub)
- Undertook projects like **IMO, NSO,** and **NCO** training
- MV is among 20 'Gold Club' firms recognized by the Ministry of Science and Technology, Government of India.