

AKSHATH CHAUDHARY

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» EDUCATION

University of Waterloo

2A, Candidate for Bachelor of Computer Science, 2024

- GPA: 3.98/4.00
- Term Average: 93.40%

» SKILLS

LANGUAGES: Python, C, C++, JavaScript, Dart, HTML, CSS, Dr. Racket

TECHNOLOGIES: Node.js, Flutter, Express.js, Git, EJS, SQLite, MongoDB, Mongoose, Firebase, Selenium WebDriver

» AWARDS & HONORS

TableHacks Winner

Received the Best Community Hack award at TableHacks 2020 with over 200 participants.

Funding Recipient - Concept Incubator

Pitched a project that was approved for micro-funding from Concept, a pre-incubator for UWaterloo students.

Dean's Honours List - University of Waterloo

On the Term's Dean's Honours List for excellent performance in 1A and 1B.

Math Faculty Scholarship -

University of Waterloo
\$8000 CAD scholarship for excellent performance in the Euclid exam conducted by UWaterloo.

Secured rank 1 in my zone, New Delhi, India.

» RELEVANT EXPERIENCE

Lead Full Stack Developer

July 2020 to August 2020

Unite

- **Promoted** to Lead Full Stack Developer for excellent performance. Led a team that was in charge of designing, developing, testing, and documenting new and existing features for Unite's web applications.
- **Saved \$20,000** for the company by changing the codebase to exclude Google's restricted scopes. Led the security assessment verification from Google with a turnover time of just 2 days.
- Decreased product delivery time from 2 days to **10 seconds** by developing and integrating a custom Node.js module that automates deployment via direct addition of the product to the user's account.

Full Stack Developer

May 2020 to June 2020

Unite

- Designed and developed a social community platform from scratch for the company's users to come together, demo, and vote for their favourite products in a record time of under **2 weeks**.
- Search Engine Optimized the company's main website which resulted in a **65% increase** in daily visitors over a 4 week period.
- Optimized the existing codebase which resulted in a 45% decrease in loading time and a **110% increase** in Google PageSpeed Index score.

Quality Assurance Intern

June 2018

Aviconn

- Received training in automated software testing with Python, BDD, Selenium WebDriver, and Postman, focusing on web applications and REST APIs.
- Collaborated with multiple mock teams to develop, design and enhance automation test suites.

» PROJECTS

AlgoTrading Bot | Pandas, NumPy

September 2020

- Developed a stock trading bot that had an ROI of 18% over 4 months.
- Implemented a combination of Renko charts and MACD indicator and applied this strategy against high activity stocks.
- Strengthened the portfolio by using the Piotroski F-Score to assess the firm's financial strength, selling stocks with a high score and rebalancing every 6 months.

Safe Crowds | OpenCV, YOLOv3

May 2020

- Used YOLOv3 with Darknet and OpenCV to detect people who are not adhering to social distancing guidelines.
- Creates real-time hotspots by analyzing violations to assist with contact tracing.