

# Manas Bafna

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## SUMMARY OF QUALIFICATIONS

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- Proficient in Java, Python, MySQL, Racket, R, VBA, MS Office Suite and Gsuite
- Able to grasp and understand new concepts quickly
- Strong analytical skills and problem solving skills acquired from working as a data analyst intern
- Good leadership and financial management skills obtained from serving as a founder of a non-profit organization
- Excellent interpersonal skills and conflict resolution abilities gained through experience as a first year representative

## SOA EXAMS

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Sitting for Exam P

Sept 2021

## EDUCATION

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### University of Waterloo

Sept 2020 – May 2025

*Honours Bachelor of Mathematics, (Actuarial Science and Statistics) 2A*

*Waterloo, ON*

- Cumulative average: 81.6%
- President's Scholarship (awarded for achieving over a 90% admissions average)
- Relevant coursework: Accounting and Financial Management  
Intro to Actuarial Practice  
Intro to Probability (Currently taking)

## EXPERIENCE

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### First Year Representative

Oct 2020 – May 2021

*Math-Society, University of Waterloo*

*Waterloo, ON*

- Elected to represent 2200+ Waterloo first year math students in academic-related matters and manage the official undergraduate society in a team of 5 executives
- Practiced diplomacy and decisiveness by presenting student interests and needs to the faculty heads
- Implemented crucial changes to online interpretations of first year math courses, in collaboration with assistant dean of online education
- Organized a side-project symposium and resume critique for first year students to help them better adjust to university

### Data Analyst Intern

Oct 2019 – Nov 2020

*Hotel Anmi OYO*

*Jogjakarta, Indonesia*

- Utilized extensive data cleansing and analysis skills to prepare sales reports
- Analyzed daily and monthly sales data of hotel to create metrics and present them convincingly
- Developed Excel VBA macros to automate many routine reports, reducing time spent on administrative tasks by 50%

### Founder

Aug 2018 – Apr 2020

*The Library Project*

*Jakarta, Indonesia*

- Provided underprivileged schools with new furnished libraries, to enable a better learning environment
- Served as communicator and creative leader to solicit donations and guide peers
- Raised over 1000 dollars through the sales of T-shirts with a profit margin of over 70%
- Cut down costs by 40%, through creating a low cost library model
- Developed a budget and was responsible for PL accountability

## PROJECTS

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### Inventory Management System | Java, MySQL

- Developed an Inventory Management System for a small local bookstore to help track and manage inventory levels of over 1000 books
- Digitized over 1000 book records in a custom made database
- Implemented sorting and searching algorithms for the systematic organization and tracking of inventory levels
- Designed an easy to use GUI, with many accessibility features such as a csv conversion