# Manas Bafna

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## EDUCATION

**University of Waterloo, Waterloo, Canada**
- Bachelor of Mathematics in Actuarial Science and Statistics                    Sept 2020 - Present
  - Predictive Analytics specialisation | Computing minor
  - Cumulative average : 82.64 % | 3.6 / 4.0
  - President's Scholarship (awarded for achieving over a 90% admissions average)

**Relevant coursework :** Intro to accounting and financial management, Intro to Actuarial practice, Intro to  probability

## PROFESSIONAL EXPERIENCE

**Fidelity Investments**                                                                                **Toronto, Canada**
- *Student in Product Research (Incoming)*                                              Sept 2022 - Dec 2022
  - Research and analyse the financial markets and Fidelity Canada's position within the market

**Fidelity Investments**                                                                                **Toronto, Canada**
- *Student in Treasury Fund, Fund Oversight Division*                              Sept 2021 - Dec 2021
  - Analysed financial statements and other regulatory documents to ensure compliance with IFRS standards; reviewed mutual fund statements for accurate disclosures and performance metrics
  - Designed financial model in Microsoft Excel to track unitholders of mutual funds and forecast future trends of the funds, presented findings to Fund Treasury Director and Vice president
  - Researched on ESG regulations in the Europe  and discussed its impact on the Canadian regulatory disclosures

**Alta ML**                                                                                                   **Calgary, Canada**
- *Junior ML Dev (WE  Accelerate co-op)*                                                 Jul 2021 - Aug 2021
  - Worked with AltaML and TorontoStar on an artificial intelligence use case
  - Used Sentiment Analysis and Natural Language Processing to improve Toronto Star's comment section experience through classifying types of comments

**Hotel Anmi OYO**                                                                              **Jogjakarta, Indonesia**
- *Data Analyst Intern*                                                                              Oct 2019 - Nov 2020
  - Utilised extensive data cleansing and analysis skills to prepare monthly  sales reports
  - Analysed daily and monthly sales data of hotel to create metrics and present them convincingly
  - Developed Excel VBA macros to automate routine reports, reducing time spent on administrative tasks by 50%

## LEADERSHIP AND ACTIVITIES

**MathSoc**                                                                                              **Waterloo, Ontario**
- *Member of Board of Directors*                                                            Sept 2021 – May 2022

**MathSoc**                                                                                              **Waterloo, Ontario**
- *First year representative*                                                                     Oct 2020 – May 2021
  - Elected to represent 2200+ Waterloo first year math students in academic-related matters
  - Practised 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
  - Organised a side-project symposium and resume critique for first year students to help them better adjust to university

## SUMMARY OF QUALIFICATIONS

- Languages: English, Hindi, Bahasa Indonesia
- Technical skills: Java, Python(Numpy and Pandas), MySQL, Racket, R,VBA, Azure AI, Excel (Pivot tables, V-lookups, if's)
- Interests : Poker, Travelling, Reading and Cooking