

# Riya Kumar

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## SKILLS & INTERESTS

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**Skills:** Python, HTML, JavaScript, JSON, CSS, Solidity, Microsoft Azure, Dr.Racket, Adobe InDesign, Adobe Premier Pro, Data Analysis, Data Visualization

**Interests:** Programming, Photography, Public Speaking, Baking

## EDUCATION

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### University of Waterloo

April 2026

- Candidate for Bachelor of Computer Science (Honours, Co-op)
- Awarded President's Scholarship of Distinction

### University of Toronto Schools

September 2015 - June 2021

- Ontario High school Diploma & AP Scholar with Honours

## WORK EXPERIENCE

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### 2i Solutions

SAP Resourcing Consultant

May - June 2021

- Aided in delivering external projects and proposals, dealing directly with clients
- Applied **communication skills** in recruiting and candidate placement

### KPMG

Blockchain Developer

July - August 2019

- As a solo developer, **deployed a blockchain platform** prototype for financial institutions to exchange and sign contracts over, allowing KPMG to govern the exchanges
- Designed the smart contracts and online interface from scratch on Microsoft Azure's blockchain workbench
- Created the platform using **Solidity** and **JSON**
- Assisted in project delivery for clients and delivering proposal slide decks to the internal team

## PROJECTS

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### Research Paper on Females in CS

September 2021 - May 2021

- Conducted a research study on the factors which drive females to pursue a career in computer science for an AP Research course (awarded the highest score, 5, from AP College Board)
- Designed and executed the study through **surveying 36 girls** both interested and not interested in the field of computer science, and **7 in depth- interviews** with women currently in CS or IT
- Performed **statistical analysis** upon collected data

### Fraud Detection Machine Learning Program

March 2019

- As part of an online course, developed a program that flags possible credit card fraud in a list of credit card transactions using unsupervised machine learning
- Implemented using Python with **Pandas** and **Tensor Flow** libraries
- Wrote an article sharing my final project on Medium and documenting my process

## LEADERSHIP & EXTRACURRICULAR EXPERIENCE

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### Director of School Play

May 2020 - May 2021

- Participant in school play for 6 years, and lead the production as director in my final year
- Adapted the in-person production to be a film with 2 other directors, coordinated and **led over 300 students**
- Gained proficiency in Adobe Premiere Pro and filming on DSLR as only cameraman of production

### SHAD Participant

July 2020

- Worked with other teenagers across Canada to design experiments for microgravity
- Participated in national competition with an experiment design to **test microheater efficiency** to build better microheaters for spacecrafts