


# ANAND ISSAC

Management Engineering Student, University of Waterloo

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## EXPERIENCE

### Software Engineering Intern | Ontario Public Service

May 2019 – August 2019 | North York, ON

- Developed Python framework to automate file validation process of over **300 000 records** in less than **8 seconds** which saved **5 days** in the **60-day** build cycle
- Developed Java check-printing utility for internal use to cut reliance on third party software that costs the organization around **\$70 000 per year**
- Optimized and fixed Java DevOps tool which automated testing for **5 REST and SOAP** web services so that it can dynamically test and output HTML reports in **under 12 seconds**

### UI/ UX Designer | TobyX

September 2018 – March 2019 | Waterloo, ON

- Worked on front-end design using Adobe XD to create wireframes and prototypes of screens on app
- Developed unique screen designs for constant, weekly updates in sprints

## PROJECTS

### [myNotes](#) | TypeScript, MongoDB, Express, Angular, Node.js, HTML, CSS

August 2019

- Developed a note-taking web-app that allows users to sign in, create, store, edit their own personalized notes using the MEAN stack

### [convoBuddy](#) (QHacks 2019) | Swift, Google Cloud Vision, Firebase, Raspberry Pi

February 2019

- Developed an iOS feedback training device to assist people with autism to identify emotional traits. Won “Best Use of Google’s Cloud API Award at QHacks

## EDUCATION

### University of Waterloo | Candidate for Bachelor of Applied Science, Management Engineering

September 2018 - Present | Waterloo, ON

## SKILLS

**Languages:** Java, Python, JavaScript, TypeScript, C#, SQL, HTML, CSS

**Tools & Technologies:** Git, Bash, Angular, Node.js, Express, MongoDB, SQLite, Unity, Postman

**Agile Tools:** GitLab, GitHub, Slack, Microsoft Teams

## ACTIVITIES

- President of Woburn DECA Chapter: Managed and coordinated a council of 89 students
- Volunteer at Toronto Public Library as a Youth Counselor: Organized monthly activities and events for the youth of Malvern