

ANAND ISSAC

Management Engineering Student, University of Waterloo

 <https://github.com/Anand-Issac> |  <https://anand-issac.github.io/> |  azissac@uwaterloo.ca

SKILLS

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

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

EXPERIENCE

Software Engineering Intern | Ontario Public Service

May 2019 – August 2019

- 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 which leads the way to cut reliance on third party software that costs the organization around **\$30 000 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

- 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

 **StuTours (Hack the North 2019)** | Node.js, Angular, Express, HTML, CSS

- Developed a web-app to assist incoming university students book tours, receive an optimized route, and explore news articles about their favorite universities
- Componentized web-app using Angular and leveraged Node.js/ Express for all server-side processes such as communicating with Accenture, Google Maps, and Bing Web Search REST APIs

 **convoBuddy (QHacks 2019)** | Swift, Google Cloud Vision, Firebase, Raspberry Pi

- Developed an iOS feedback training device by using a Raspberry Pi to input video streams, which was fed into Google Cloud Vision API to identify emotional traits along with scoring eye contact
- Information was stored in Firebase which was displayed in real time in an iOS app using Swift
- Won “Best Use of Google’s Cloud API Award” at QHacks

 **myNotes** | TypeScript, MongoDB, Express, Angular, Node.js, HTML, CSS

- Developed a note-taking web-app that allows users to create and edit their own personalized notes through an Angular front-end, which was then processed in the server-side using Node/ Express and stored in a MongoDB collection

ACTIVITIES

- President of Woburn DECA Chapter: Managed and coordinated a council of 89 students
- Senior Treasurer of Student Activity Council: Assisted with budgeting and financial activities

EDUCATION

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

September 2018 - Present