

ANWESHI ANAVADYA

Contact

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Education

University of Waterloo: Candidate
for **BAs in Computer Engineering**
(2019 – present)

Relevant Courses:

Logic & Discrete Math (C++),
Intro. to Programming (C++),
Intro. to CS (Java),
Calculus 2 for Engineers,
Digital Circuits and Systems,
Linear Circuits,
Electricity and Magnetism

My Pages

Devpost – anweshianavadya
LinkedIn – Anweshi Anavadya
Website – Anwesh1.github.io
GitHub – Anwesh1

Unique attributes

- Can speak, read and write four languages: English, Hindi, Tamil and Oriya
- Athlete: Basketball and Tennis
 - Strong leadership and time management skills
- Hobbies include photography and photo editing.

Summary of Qualifications

Languages: C++, Java, HTML, CSS, JavaScript, Python

Frameworks\Tools: Proficient in Microsoft Office suite, Adobe Bridge, Adobe Photoshop, VHDL

Projects

MineBuskers | ETHWaterloo | HTML, CSS

- Worked on front-end for a cryptocurrency-based web app that can create events across the world that can be **accessed** by the public.
- Used **Google Maps API** to reward users based on location relative to event.

Stocks transaction sorter | C++

- Implemented a **sorting algorithm** and linked lists to sort transactions chronologically.
- Developed the program to **update** account balances and balance per share for each transaction and **computed** capital gains and losses.

Stream Cipher | C++

- Developed a stream cipher that output **ciphertext** which could be **decrypted** by a second party using a **pseudorandom** algorithm.

Enigma Machine | Java

- Programmed a **working model** of the Enigma **encryption** machine and developed the code to **crack it**.

Experience

Student Researcher / CMC Hospital Vellore *July – August (2017 – 2019)*

- Spent time **observing** and researching complex lab procedures (Blood drawing, gene matching and DNA extraction).

Cashier | Loblaws Inc *October – December (2017)*

- Extremely **punctual** maintaining multiple 5-8-hour shifts while keeping professional customer and colleague **relations**

Awards

- Won a cash prize at **ETHWaterloo**
- Top 25% in Canada for **Fermat Math Contest** (U of Waterloo)
- Top 25% in Canada for **Beaver Computing Challenge**
- Most valuable player varsity cricket
- Championship Tier II basketball (**Captain**)
- Champions, Western Tech invitational basketball tournament