ANUJAN MATHISEKARAN

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SKILLS

LANGUAGES	Javascript, Python, Java, C++, C, HTML5, CSS3
TECHNOLOGIES	Node, Bootstrap 4, MongoDB, Express, jQuery, Git, Passport

PROJECTS

BobaKey
● Created a Yelp-inspired review site targeted towards bubble tea consumers in the Waterloo area using **Javascript** and a **RESTful API**
● Ensured data persistence using **MongoDB** and user I/O from a **JSON** file using **Node**
● Implemented user authentication using **Passport** enabling editing of user reviews and comments

Wi-Fi Controlled Raspberry Pi Rover
● Collaborated in a team of three to demonstrate client to server data transfer using socket programming in **C**, allowing universal device control over Wi-Fi
● Integrated motor driver with Pi and created a custom chassis
● Implemented a watchdog timer and logging service to assist with the debugging process

Recieved - Most Disruptive Hack and Best Environmental Hack at tHacks 2
● Worked in a team of four to prototype an app that sends consumers digital copies of their receipts
● Generated sample receipt data using Walmart Open API and **Python** for testing and presentation

Clockwork Solitaire
● Developed a variation of solitaire with graphics using **Java**
● Utilized **Object Oriented Programming** principles to implement cards and decks for the game
● Created functional UI using **Java Applet** and preserved users' high scores with a text file

EXPERIENCE

City of Markham · Camp Counselor   Mar. 2018 to Sept. 2018
● Organized activity plans for students aged 5-13
● Upheld curriculum standards set by following the High Five Principles of Healthy Child Development
● Exercised public speaking and communication skills with parents and campers

AWARDS

Adel S. Sedra Undergraduate Scholarship · University of Waterloo   Sept. 2018

Most Disruptive Hack & Liovena's Best Environmental Hack · Toronto Hacker Club   Oct. 2017

Engaging in Entrepreneurship & Engineering Competition Winner · University of Waterloo   Aug. 2017

EDUCATION

University of Waterloo   Apr. 2023
Candidate for BASc - Computer Engineering