

# Karunpreet

Dhamnait



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karun-d



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## TECHNICAL SKILLS

**Languages:** C, Java, Python, 68k assembly **Familiar:** HTML/CSS, Javascript

**Technologies:** Linux, Git, MySQL, Node.js, Express.js, Bootstrap

## PERSONAL PROJECTS

### FINDERS KEEPERS (GTA)

JS, HTML, CSS, EXPRESS, MYSQL, HEROKU

- Built a web application with Vanilla JS that displays listings of free stuff offered by people in the Greater Toronto Area
- Implemented the Cheerio Javascript module to scrape free listings live from Craigslist and Kijiji based on the user's city
- Constructed an Express server using MYSQL database and Heroku's ClearDB add-on to transport listings to front-end

### PASSVAULT

PYTHON, FLASK, SQLITE3, SLACK API, HEROKU

- Developed an interactive database in the form of a Slack App to save and retrieve generated passwords using Python Flask
- Increased user accessibility by utilizing Slack API, allowing users to interact with the app on both mobile and desktop

### APARTMENT SCOUT (U OF G)

PYTHON, SQLITE3, SMTPLIB

- Used Python and Beautiful Soup package to web-scrape university housing listings from thecanon.ca
- Leveraged SMTPLIB and FileIO to automatically send an e-mail of certain listings based on user's housing preferences

### SEMI-AUTOMATED TRANSACTIONS PROGRAM

JAVA, SWING TOOLKIT, SHEETS API

- Utilized OOP principles to categorize transactions from credit card statements into a spreadsheet with Google Sheets API
- Semi-automated the process by serializing categorized vendors for future statement reads

## EDUCATION

### BACHELOR OF COMPUTING, COMPUTER SCIENCE (CO-OP)

SEPT 2019 - APRIL 2024

University of Guelph, Guelph, ON

- Completing a minor in Economics
- Maintaining a 90.5% average (4.0 GPA)

## EXTRA-CURRICULAR EXPERIENCES

### GOOGLE DEVELOPER STUDENT CLUB (U OF G)

OCT 2019 - PRESENT

- Gaining hands-on experience with Google Cloud Platform Essentials
- Learning topics such as creating Virtual Machines, Google Cloud Shell, Kubernetes Engine, and Load Balancers

### S.G.P.D HOUSE OF BHANGRA - TEAM CAPTAIN

APRIL 2016 - SEPT. 2019

## WORK EXPERIENCE

### RESIDENCE LIFE STAFF (U OF G) - ONLINE COMMUNITY MENTOR

AUG 2020 - DEC 2020

- Responsible for building a virtual community and managing 46 first-year software engineering students
- Assisted students with university's resources and supported their transition to university studies in both academics and personal development

### DAIRY QUEEN - CASHIER/CREWMEMBER

FEB 2018 - AUG 2019

- Performed numerous transactions daily, provided friendly customer service, and assisted crewmembers in preparing goods