

# Jyoti Grewal

Junior (3A) Computer Science

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## EDUCATION

### UNIVERSITY OF WATERLOO

BACHELOR OF COMPUTER SCIENCE  
WITH FRENCH MINOR

Expected Apr 2022 | Waterloo, ON  
President's Scholarship

## SKILLS

### PROGRAMMING LANGUAGES

C • C++ • Go • Bash • Java • SQL  
VBA • HTML • CSS • R

### OPERATING SYSTEMS

Windows • Mac OS • Linux

### PROJECT MANAGEMENT

Git • Jira • Slack • Phabricator

### TOOLS

Redis • Android Studio • Unity  
Adobe Photoshop & Dreamweaver

### LANGUAGES

English • French • Punjabi

## COURSEWORK

- Foundations of Sequential Programs
- Data Structures & Data Management
- Computer Organization & Design
- Object-Oriented Software Development
- Algorithm Design & Data Abstraction
- Statistics & Probability

## INTERESTS

🏀 Basketball  
🏸 Squash  
🎬 Movies  
🎲 Board Games  
✈ Travelling

## WORK EXPERIENCE

[View Full CV](#)

### UBER | SOFTWARE ENGINEERING INTERN

Jan - Apr 2020 | San Francisco, CA

- Incoming intern to Data Platform team

### UBER | SOFTWARE ENGINEERING INTERN

May - Aug 2019 | San Francisco, CA

- Worked on Customer Obsession team to route help tickets using vast code base, programmed in Go
- Conducted extensive testing for code to maintain coverage of 90%+
- Presented detailed solution in code review meetings
- Managed tasks using Jira & updated project development on storyboard

## PROJECTS

[View Full Portfolio](#)

### TWITTER SENTIMENT ANALYSIS WEBSITE | Jul 2019

- Created website using HTML & CSS to monitor tweets about companies
- Implemented search bar and graphs of statistics for companies to view
- Utilized Twitter API and sentiment analysis to determine if tweets are positive or negative

### VIRTUAL REALITY APP | Sep 2018

- Led a team of 3 during 36 hour Hack the North hackathon
- Created virtual reality app with calming environments for students to reduce anxiety
- Utilized Unity to design virtual environment and Android Studio to design app interface
- Tested sections of code before integrating with Git

### HOME APPLIANCES DATABASE | Sep 2015 – Mar 2016

- Designed relational database of home appliances in Microsoft Access
- Created for parents to maintain records of appliances including warranty, model, serial number, price and date of purchase
- Programmed macros in SQL for data entry forms and designed user interface features including buttons & main menu

### MATCHING MEMORY GAME | Feb – Apr 2015

- Designed game using Java as a brain exercise for memory loss
- Tested game on end users including friends and family
- Created main menu, difficulty selection, multiple levels & score tracking with aesthetic user-friendly design

## EXTRA CURRICULARS

### AIR CADETS | Sep 2010 - Jun 2017 | Caledon, ON

#### RANK OF WARRANT OFFICER SECOND CLASS

- Commanded 120 cadets in drill ceremonies & community events