

# PADAM CHOPRA

[padamchopra.me](https://padamchopra.me) | [GitHub/padamchopra](https://github.com/padamchopra) | [LinkedIn/padamchopra](https://www.linkedin.com/in/padamchopra) | [p5chopra@uwaterloo.ca](mailto:p5chopra@uwaterloo.ca)

## SKILLS

**Languages** Java, C++, C, Python, Kotlin, Bash, Scala, Dart, Scheme, Go, Web, and SQL  
**Tools** Git, Android, Flutter, Tensorflow, Keras, AWS, Node.js, Firebase, and Postman

---

## EXPERIENCE

**Android Developer Intern, Ceridian Dayforce** **May - Sep 2020**

- Added support for **six native accessibility tools** by spearheading shift to a more accessible application.
- **Increased speed** by 20% and reduced **network load** by implementing a **paginated suggestions** module.
- Reduced steps required to launch a user's favorite widgets by **60%** by adding app shortcuts.
- Redesigned the **entire login experience** by supporting dark mode and material widgets.

**Full-stack Developer Intern, AYORents** **Jul - Sep 2019**

- Created API endpoints for server-interaction and re-architected cloud clusters to **ease scalability**.
- Reduced data fetching and processing time on a client by **30%** by adding MongoDB aggregation pipelines.
- Implemented **reusable widgets** for the cross-platform mobile application.

**Mobile Developer, Bharosa and Company** **Apr - May 2019**

- Architected a **paperless invoice and client management** mechanism for Android using Firebase.
  - Accelerated invoice creation and distribution by **70%** via automation and implementing it as a one-click mechanism for frequent clients.
- 

## PROJECTS

**Peeku** A short-video sharing **mobile** app that allows feed curation based on Peeks/sub-feeds.  
**Habitus** A **mobile** app to help people track and build habits with a crowd-sourced habit library.  
**Praktikality** A three-tier **Android** app to assist the differently-abled through novel services.  
**Taskout** Your to-do, by others. **Web** app with pin secured task-sharing with no sign-up required.

---

## ACHIEVEMENTS

- **Prize Winner** at DeltaHacks VI, McMaster University for building a blockchain merchant application.
  - **Project mentor** for Sustainable Computing Research Group in **Google Summer of Code**.
  - **World Finalist** for **Microsoft Imagine Cup** at Microsoft HQ, WA for building an Azure integrated mobile app.
  - **Grand Prize Winner** in **Google Code-in** and invited to Google HQ, CA for completing 70+ tasks for an open-sourced organization involving Android, Python, and Angular.
  - **Global Winner** for the **DECA Idea Challenge** organized as part of the Global Entrepreneurship Week.
- 

## EDUCATION

**Bachelor of Computer Science (2A)** **Sep 2019- Apr 2024 (expected)**

**University of Waterloo | CGPA: 3.9**

- \$15K Computer Science Scholarship; Dean's Honour List (1B); Presidential Scholarship of Distinction.
- **Core Developer** at Google DSC; **Mentor** at StarterHacks 2020; **Office Staff** at Computer Science Club.