PADAM CHOPRA

padamchopra.me | github.com/padamchopra | linkedin.com/in/padamchopra | p5chopra@uwaterloo.ca

SKILLS

Languages	Java, Dart, Kotlin, C, C++, Bash, Scheme, Go, Web (HTML + CSS, JS, PHP), SQL, and Python
Tools	Git, Android, Flutter, Node.js, Firebase, Postman, Espresso, Google Cloud, and Azure

EXPERIENCE

Software Developer Intern, Ceridian Dayforce   May - Sep 2020
- Reduced steps required to launch favorite widgets by **60%** by proposing and adding app shortcuts.
- Added support for **six native accessibility tools** by spearheading shift to an accessible design.
- Reduced **network load** and **increased speed** by implementing **paginated suggestions** for text fields.
- Redesigned the **entire login experience** by supporting dark mode and material widgets.
- Made developer-designer collaboration easier by building a common pattern library.

Full-stack Software 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.

Mobile App Developer Intern, Bharosa and Company   Apr - May 2019
- Enabled migration to a **paperless invoice and client management** system.
- Accelerated invoice creation and distribution by **70%** via automation and implementing it as a one-click mechanism for frequent clients.

PROJECTS

<u>Peeku</u>	A short-video sharing platform that allows feed curation based on Peeks/sub-feeds.
<u>Habitus</u>	An app built during the 2020 Coronavirus pandemic to help people track and build habits.
<u>Practikality</u>	A three-tier Android app to assist the differently-abled through novel services.
<u>Taskout</u>	Your to-do, by others. Pin secured task-sharing with no sign-up required.

ACHIEVEMENTS

- Best use of **blockchain** technology at DeltaHacks VI, McMaster University.
- **Project mentor** for Sustainable Computing Research Group in **Google Summer of Code**.
- Qualified for **Microsoft Imagine Cup World Finals** at Microsoft HQ, WA on an all-expense-paid trip.
- **Grand Prize Winner** in **Google Code-in** and invited to Google HQ, CA on an all-expense-paid trip.
- **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
- $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.