

# PRATIK KARKI | Résumé

📍 1115 8th Avenue # 3716, Grinnell, IA 50112, U.S.A.

## »»» Education

Exp. 2020      **B.A. in Computer Science**      Grinnell College, Grinnell, IA

- » Major GPA: 3.62/4.0 – Dean's List
- » Fall Semester 2018 – Aquincum Institute of Technology (AIT) at Budapest, Hungary
- » Coursework – Theory of Computing, Design Workshop, Mobile Software Development, User Interface Design

## »»» Computing Skills

- » Proficient:      Java · C# · Ruby on Rails · Javascript · HTML · Kotlin · Tableau
- » Intermediate:   Git · Unix/Linux · C · Python ·  $\text{\LaTeX}$  · Adobe Creative Suite · CSS
- » Familiar:      MySQL · C++ · Swift

## »»» Experience

2018/05–07      **Local Sightings Intern**      Northwest Film Forum, Seattle, WA

- » Redeveloped the organizational website with an improved user interface using *HTML/CSS/Javascript*.
- » Systematized a database system using *Tableau* to assess the demographics of the 5,000+ yearly customers.
- » Promoted the annual film festival, corresponded with potential sponsors and edited promotional videos.

2017–Present      **Android Developer and UX Designer**      Grinnell AppDev, Grinnell, IA

- » Designed, developed, and maintained 5 Android applications using *Java and Kotlin* with over 1,000 daily users.
- » Enhanced user satisfaction and loyalty by improving the user interface for the apps created.
- » Collaborated on a Publication app for the Grinnell College newspaper with over 200 active readers.

2017/06–08      **Front End Developer**      Creasion Nepal, Kathmandu, Nepal

- » Supervised a team of 4 students that initiated work on an *Android Application* with news and blog sections.
- » Retooled the website interface to with an admin login page using *Javascript*.
- » Implemented blog and video options on the website and ensured a user base of over 100 daily users.

2015–2016      **Service Learning Intern**      Rato Bangala Foundation, Lalitpur, Nepal

- » Facilitated *Educational Workshops* in 35 rural schools in 14 earthquake affected districts of Nepal.
- » Conducted surveys using *SPSS* on 2000+ students and teachers and presented data to acquire relief funding.
- » Spearheaded initiative to develop a website and establish a social media presence.

## »»» Projects (Available on Github)

2018/01–05      **Local Foods Connection**      Team Software Dev., Grinnell, IA

- » Collaborated with scrum team to construct a farm search function and admin login using *Ruby on Rails*.
- » Assigned *Lead UI/UX Design* and improved the overall *Javascript* design along with refactoring legacy code.
- » Aided in managing a proper *SQL Database* for user profiles and added supplementary search options.
- » Systematically documented the codebase and successfully deployed the website on *Heroku*.

2017/08-12      **Java Programs**      O.O. Design/Algorithms, Grinnell, IA

- » Grin-compression: File compression using *Huffman trees* for a lossless compression algorithm.
- » Sounds of Sorting: A sorting program which visualizes six sorting algorithms with piano notes as indicators.
- » Learning-genie: A guessing game program that iteratively builds a database and guesses the correct answer.
- » Alife Simulation: Visualizes the cooperation between bacteria by emulating real-life preconditions.

## »»» Miscellaneous

- » Languages:    Nepali (Native) · English (Fluent) · Hindi (Fluent) · Spanish (Basic)