

PRATIK KARKI | Résumé

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

»»» Education

Exp. 2020	B.A. in Computer Science and Economics	Grinnell College, Grinnell, IA
<ul style="list-style-type: none">» Dean's List: Fall Semester 2016» Coursework: Team Software Development, Discrete Structures, Microeconomic Analysis, Kiswahili I» Study Abroad: Fall Semester 2018 in Aquincum Institute of Technology (AIT) at Budapest, Hungary		

»»» Experience

2018/05-07	Local Sightings Intern	Northwest Film Forum, Seattle, WA
<ul style="list-style-type: none">» Redeveloped the organizational website with an improved user interface using <i>HTML/CSS/Javascript</i>» Systematized a database system using <i>Oracle</i> to assess the demographics of the 5,000+ yearly customers		
2017-Present	Android Developer and UX Design Trainee	Grinnell AppDev, Grinnell, IA
<ul style="list-style-type: none">» Designed, developed, and maintained five <i>Android applications</i> with over 1,000 daily users» Enhanced user satisfaction and loyalty by improving the user interface for the apps created		
2017/06-08	Front End Developer	Creasion Nepal, Kathmandu, Nepal
<ul style="list-style-type: none">» Supervised a team of 4 students that initiated work on an <i>Android Application</i> with news and blog sections» Retooled the website interface to with an admin login page using <i>Javascript</i>» 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
<ul style="list-style-type: none">» Facilitated <i>Educational Workshops</i> in 35 rural schools in 14 earthquake affected districts of Nepal» Conducted surveys using <i>SPSS</i> on 2000+ students and teachers and presented data to acquire relief funding» Spearheaded initiative to develop a website and established a social media presence		

»»» Projects (Available on Github)

2018/01-05	Local Foods Connection	Team Software Dev., Grinnell, IA
<ul style="list-style-type: none">» Collaborated with a team to construct a farm search function and admin login using <i>Ruby on Rails</i>» Assigned <i>Lead UI/UX Design</i> and improved the overall <i>Javascript</i> design along with refactoring legacy code» Aided in managing a proper <i>SQL Database</i> for user profiles and added supplementary search options» Systematically documented the codebase and successfully deployed the website on <i>Heroku</i>		
2017/08-12	Java Programs	O.O. Design/Algorithms, Grinnell, IA
<ul style="list-style-type: none">» Grin-compression: File compression using <i>Huffman trees</i> 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		

»»» Computing Skills

- » Proficient: Java · C · \LaTeX · Scheme · Ruby on Rails · HTML · Android Studio & NDK · Ruby · Tableau · SPSS
- » Intermediate: Git · Unix/Linux · Javascript · C++ · Adobe Creative Suite · CSS · Final Cut Pro
- » Novice: SQL · C# · Python · Gallina · PHP · Swift

»»» Miscellaneous

- » Languages: Nepali (Native) · English (Fluent) · Hindi (Fluent) · Spanish (Basic)
- » Hobbies: Hiking · Wilderness · Filmmaking · Volunteering · Sketching · Guitar · College Football