

Govind Brahmanyapura

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EDUCATION

Grinnell College

B.A. in Computer Science — Major GPA: 3.92/ 4.00; Cumulative GPA: 3.73/4.00

Dean's List: Fall 2017, Spring 2018

Grinnell, IA

Expected: May 2021

SELECTED COURSEWORK

Analysis of Algorithms, Object Oriented Algorithms and Data Structures (Java), Software Development (Ruby on Rails), Discrete Structures, Imperative Problem Solving (C), Linear Algebra, Geographic Info. Systems (ArcGIS)

SKILLS

Programming: Java, Python, Scheme, JavaScript, Ruby, L^AT_EX, HTML5, CSS

Technologies: Android, Bootstrap, Git, GitHub, DrRacket, ArcGIS

EXPERIENCE

Web Developer

Data Analysis and Social Inquiry Lab, Grinnell College

Grinnell, Iowa

Aug 2019 - Present

- Improved UI, visual appeal and readability of D3.js data visualization [project](#)
- Removed data label redundancies and redesigned visualization layout
- Identified potential design and content improvements for the official [DASIL blog](#)

Software Engineer Intern

Mistral Solutions Inc

Bay Area, California

May 2019 - Aug 2019

- Developed custom image viewer Android application for Golden-i Infinity Wireless AR headset
- Implemented custom UI, zoom functionality and smooth post-zoom panning
- Halved RecyclerView image load times by identifying and fixing design bug in thumbnail view

Teaching Assistant

Grinnell College Mathematics Department | Calculus I

Grinnell, Iowa

May 2018 - Dec 2018

- Graded homework assignments for a 40-student class in coordination with professor
- Provided constructive feedback to students on math problem-solving techniques

PROJECTS

Assistive Database — National Alliance on Mental Illness

Ruby on Rails | JavaScript | HTML | CSS | AWS C9 | PostgreSQL | Bootstrap

Grinnell, Iowa

Jan 2019 - Present

- Developed web app for *NAMI Johnson County* to connect parents to child mental health resources in Iowa
- Designed provider database structure in PostgreSQL and mobile-friendly interactive front-end
- Worked in an Agile environment and coordinated weekly meetings with client

Grinnell Printers

HTML | CSS | JavaScript | Google Maps API | DigitalOcean | Bootstrap

Grinnell, Iowa

December 2018

- Built a web app to find nearest Grinnell College printer to a user's location
- 300+ weekly users in first month post-deployment; 50+ regular weekly users (September 2019)

Ride Board-t

Ruby on Rails | HTML | CSS | AWS C9 | Mailgun API | REST | JSON | Bootstrap

Grinnell, Iowa

Feb 2019 - Present

- Developed responsive web app that matches ride-requests to ride-offers for greater student carpool connectivity
- Implemented custom email notifications to inform ride requesting users of matching ride offers
- Won "Most Practical Idea" and 2nd place at HackGC 2019 - the Grinnell College Hackathon

LEADERSHIP

Residence Community Advisor

Grinnell College | Residence Life

Grinnell, Iowa

May 2019 - Present

- Facilitated the holistic development of over 40 residents through programming
- Supported residents as they dealt with academic and personal issues

Mentor

Grinnell College | International Pre-Orientation Program

Grinnell, Iowa

August 2018

- Organized campus and community tours, orientation and information sessions
- Prepared new international students for a successful transition to life and learning at Grinnell College

LANGUAGES

- English (native) • Hindi (native) • French (limited proficiency) • Russian (elementary)