

VIDUSH GOSWAMI

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Education

Bachelor of Arts in Computer Science, Political Science, and Statistics

Expected May 2021

Grinnell College, Grinnell, IA, GPA- 3.38

- Relevant Coursework - Software Development, Data Science, Automaton Theory, Analysis of Algorithms, Data Structures, Object Oriented Design, Algorithms, Linear Algebra, French, Nationalism, International Relations; TOEFL score- 117/120

Work Experience

1. **Enterprise Cloud Developer Intern – Internship Cancelled Due to COVID-19.** May 2020 – Aug 2020
Wellmark Blue Cross Blue Shield, Des Moines, IA
2. **Software Developer Intern** May 2019 – Aug 2019
Wellmark Blue Cross Blue Shield, Des Moines, IA
 - a. Developed a service repository for Wellmark’s in-house processes and APIs using **C#** and **Node.Js**
 - b. Increased business efficiency and reduced redundant development for the company through my project
 - c. Hosted application on **AWS**, working in an Agile environment
3. **Technology Advisor** May 2019 – Present
Grinnell College Student Government Association, Grinnell College, IA
 - a. Maintain, acquire, and manage all technological assets belonging to Student Govt. Association
 - b. Chair the Tech Committee and liaison with the Chief Information Officer, Grinnell College
4. **Software Engineer Intern** Aug 2018 – Sep 2018
Outfox AI, New York
 - a. Developed a social media spend optimization backend solution for a AI-led startup in the marketing campaign spend effectiveness space, starting with Facebook.
 - b. Built the backend using **Pandas DataFrames**, **Facebook SDK API**, **Cron**, and **SendGrid** to read and analyze data from the FB Insights platform.
 - c. Built on **Node.JS**. Hosted on **AWS**
5. **Volunteer Computer Mentor** Aug 2018 & Nov 2017
Rotorua District Council, Rotorua, New Zealand & Drake Community Library, Grinnell
 - a. Volunteered technical assistance to clients of the Rotorua Library - .Assisted clients across all age groups, with varying needs and demands.
 - b. Mentor Elementary School students in CS, using Scratch and Beetle Blocks

Programming Projects

1. **DormRate:** dorm-reviewing webapp for Grinnell College students In Progress
 - a. Built on **Ruby on Rails**, hosted on **Heroku**, using **Amazon S3**
2. **COSI Central Iowa:** Ruby on Rails webapp to provide a web presence for the non-profit and provide resources for immigrants in the area Feb – May 2020
 - a. Developed database structure in **PostgreSQL**, implemented a responsive UI in an **Agile TDD** environment
3. **Global Terrorism Analysis:** **RShiny** app to visualize various aspects of Global Terrorism Dataset. March 2020
4. **RideBoard-t:** Ride-matching webapp to serve transportation needs of college students Feb 2019
 - a. Developed ride matching algorithm and implemented email match notifications in Ruby on Rails webapp
 - b. Won 2nd place at Grinnell College’s Hackathon, and “Most Practical Idea”
5. **FoodShare:** platform to combat food insecurity among college students April 2018
 - a. Worked on frontend, using **CSS** and **Bulma**, as well as the final pitch
6. **Analysis of Presidential Inaugural Speeches** Dec 2017
 - a. Built in Scheme, as part of CSC 151 Final Project, using **Natural Language Processing**
 - b. Reported most-used words, commonly-occurring phrases and length of closing remarks

Skills

1. Proficient in Ruby on Rails, Java, C#, C/C++, Node.js, R, Shell, QBASIC, HTML, SQL, Python and Scheme
2. Languages- Proficient in English and Hindi and beginner’s level in French