VIDUSH GOSWAMI

goswamiv@grinnell.edu • 641-888-0159 • https://github.com/vidushg • https://linkedin.com/in/vidush-goswami/

Education

Bachelor of Arts in Computer Science, Political Science, and Statistics.   Expected May 2021

Grinnell College, Grinnell, IA, GPA- 3.41

Relevant Coursework - Software Development, Data Science, Automaton Theory, Analysis of Algorithms, Data Structures, Object Oriented Design, Linear Algebra, French, Nationalism, International Relations

Technical Skills

Coding: ReactJS, Java, C#, C/C++, ChartJS, GraphQL, Ruby on Rails, Node.js, R, Shell, HTML, Python, Scheme
Technologies: TestContainers, AWS, Docker, Apache Kafka, JUnit, Maven, Git, Linux, JSON, Gatsby, MySQL, Pandas

Work Experience

1. **Software Engineer Intern**   June 2020- Aug 2020
   Becoming Machinic, Inc. Minneapolis, MN
   a. Migrated a project comprising of **Java** libraries onto another platform backed by **Apache Kafka**
   b. Used **TestContainers** to develop a Document Converter package in Java, and writing **JUnit** tests
   c. Built **Gatsby** webapps hosted on **Netlify** using **ReactJS** and **ChartJS**, sourcing from complex **JSON** objects with **GraphQL**
   d. Created **Zendesk** data analysis and reporting solutions

2. **Enterprise Cloud Developer Intern – Cancelled Due to COVID-19.**   May 2020 – Aug 2020
   Wellmark Blue Cross Blue Shield, Des Moines, IA

3. **Software Developer Intern**   May 2019 – Aug 2019
   Wellmark Blue Cross Blue Shield, Des Moines, IA
   a. Used **C#** and **Node.js** to develop service repository for Wellmark's in-house processes and APIs
   b. Increased business efficiency and reduced redundant development for the company through my project
   c. Hosted application on **AWS**, working in an Agile environment

4. **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

5. **Software Engineer Intern**   Aug 2018 – Sep 2018
   Outfox AI, New York
   a. Developed **Node.js** app hosted on **AWS** delivering a social media spend optimization backend solution for a AI-led startup in the marketing campaign spend effectiveness space, starting with Facebook.
   b. Used **Pandas DataFrames, Facebook SDK API, Cron**, and **SendGrid** to read and analyze FB Insights data

Programming Projects

1. **Rich React Table**: **React Gatsby** webapp displaying complex **JSON** data in a feature-rich table   July 2020
2. **DormRate**: dorm-reviewing webapp for Grinnell College students   Feb – June 2020
   a. Built on **Ruby on Rails**, hosted on **Heroku**, using **Amazon S3**, and **PostgreSQL**
3. **COSI Central Iowa**: Ruby on Rails webapp for immigrant support non-profit   Feb – May 2020
   a. Used **PostgreSQL** to develop database structure, built responsive UI in **Agile TDD** environment
4. **Global Terrorism Analysis**: **RShiny** app to visualize various aspects of Global Terrorism Dataset.   March 2020
5. **RideBoard-t**: Ride-matching **Ruby** webapp to serve transportation needs of college students.   Feb 2019
   a. Developed ride matching algorithm and implemented email match notifications
   b. Won 2nd place at Grinnell College's Hackathon, and "Most Practical Idea'
6. **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
7. **Analysis of Presidential Inaugural Speeches**   Dec 2017
   a. Built in Scheme, using **Natural Language Processing**