

SOOJI SON

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Education

Grinnell College

Bachelor of Arts in Computer Science (Honors) & Theatre and Dance (Honors)
Concentration (Minor) in Linguistics, GPA: 3.85/4.00

Grinnell, IA
May 2018

Technical Experience

Software Engineer II

Intuit – SBSEG Quick Data Platform

Mountain View, CA
Jul. 2019 – present

- Lead the UI Framework Designs and implementation of a team React Component library
- Take point on prototyping the future state of the project using Sketch and Figma
- Lead major feature developments from end to end, enabling deep customer impact
- Perform code reviews and install guards to ensure faster review cycle (PR templates etc.)
- Regularly meet with the customers and conduct interviews to identify important features to develop and improve

Software Engineer I

Mountain View, CA
Aug. 2018 – Jul. 2019

- Redesign and implement a UI that adheres to the company's design guidelines using React
- Implement a filter and search feature for the nodes in the lineage graph for tables and jobs
- Devise a graph traversal algorithm that performs a root-cause analysis to determine which nodes are causing the subsequent failures using Scala
- Perform AWS infrastructure tasks such as maintaining the EC2 instances and manual deployment

Software Engineering Intern

Intuit – Machine Learning Platform

Mountain View, CA
May – Aug. 2017

- Kickstarted a SpringBoot REST service to deliver machine learning insights to customers
- Designed a parser for YAML configurations for schema generation
- Configured the service using Spring Cloud Config and internal API tools
- Implemented Data Access Objects to fetch the insights from DataStax Enterprise and Cassandra
- Create a mockup and a prototype of the service interface

Summer Research Student

Grinnell College dept. of Computer Science

Grinnell, IA
May – Aug. 2016

- Created a proof assistant with a web interface for introductory computer science students
- Implemented a proof language using Haskell along with the parser to convert the surface language to an abstract syntax tree
- Designed the web interface and implemented the design using HTML and CSS
- Organized the code repository and documented the usage of the language and the application
- Streamlined the workflow using Waffle.io to track bugs and distribute tasks as the scrum master

Leadership Experience

Lead UI/UX Designer

Grinnell AppDev

Grinnell, IA
Aug. 2017 – May 2018

- Plan the direction of operation with the director of Information Technology Services
- Plan milestones and deadlines and delegate tasks to team members
- Serve as a mentor to train new and current team members with design frameworks
- Conduct design review for a unified design language across platforms and applications

Skills

Formal Languages Java, Scala, React/Javascript, C, C++, Haskell

Miscellaneous AWS, HTML, CSS/Sass, Git, Bash, Android, Ruby on Rails

Design Sketch, Figma, Adobe Photoshop, Illustrator, InDesign, Premier Pro, After Effects

Updated May 2020