Dev Nalwa

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Education

Grinnell College   *Grinnell, IA*
B.A. Computer Science, B.A. Economics & Concentration in Statistics   *Expected May 2020*
- **Relevant Coursework:** Object-Oriented Problem Solving, Data Structures & Algorithms, Discrete Structures, Artificial Intelligence, Data Mining, Imperative Problem Solving, Software Design & Development, Applied Statistics.

Skills & Interests

- **Programming Proficiency:** Java • Python • C • Git • HTML&CSS.
- **Other Computing:** Android Studio • C++ • LaTeX • Ruby on Rails • Visual Studio • SQL • C#.
- **Other Interests:** Basketball • Drums • Debate • Design • Technology.

Related Experience

Capital Quant Solutions | Software Developer Intern   *New Delhi, India*
FinTech Startup focused on providing analytics for capital markets   *Jun. 2018 - Aug. 2018*
- Built a training data set for ML algorithm that required sorting and categorizing large volumes of data.
- Developed a python program, using the twitter API in order to pull current tweets mentioning client organizations.
- Worked on developing ML algorithm to analyze unstructured data to derive actionable intelligence for clients.

Grinnell AppDev | Android Developer   *Grinnell, IA*
Community based team of software developers with $150K+ funding   *Aug. 2017 - Present*
- Engineered, designed and maintained 6 Android apps with 1000+ daily users, using Android Studio, utilizing java code.
- Ran code reviews of team members as well as the trainees to ensure good quality of products.
- Met weekly with team leaders and the Android team to discuss functions and features of current applications.

Accenture | Software Developer Intern   *Gurgaon, India*
Global Management Consulting & Professional Services Firm   *May 2017- Aug. 2017*
- Developed an iOS application for clients with the use of Visual Studio, utilizing C# code.
- Implemented Databases and an API to display client products as well as building a search feature for inventory.
- Designed the entire application, focusing on graphic user elements, in order to make it user friendly.

Projects

Heartland Global Health Consortium   *Jan. 2018- May 2018*
'Heartland Website'
- Engineered a web application to help connect 12+ Iowa Colleges to increase awareness about global health issues.
- Created a forum to share consortium events using MVC Architecture in Rails Framework.

OOP, Data Structures & Algorithms Coursework
'On Github'
- **Sounds Of Sorting:** A sorting algorithm which visualizes six sorting algorithms with piano notes as indicators.
- **Grin-Compression:** Compresses files by utilizing a lossless compression algorithm, implemented by Huffman Trees.
- **Alife Simulation:** Visualizes the cooperation between bacteria by emulating real-life preconditions.

Leadership

Grinnell College Model United Nations   *Grinnell, IA*
President   *Aug. 2016 - Present*
- Trained a team of 40+ students on UN debate and current world issues, leading them to quarterly national conferences as well as allocating our $15K budget.

South Asian Student Organization   *Grinnell, IA*
Cabinet Member   *Jan. 2017 - Present*
- Organized weekly discussions, events, fundraisers featuring South Asian heritage, culture, traditions and experiences.