

# Dev Nalwa

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## Education

### Grinnell College

Grinnell, IA

#### B.A. COMPUTER SCIENCE & 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 • C++ • Git • Scheme • HTML&CSS • Javascript • Ruby on Rails •  $\LaTeX$ .
- **Other Computing:** Android Studio • Unix/Linux • Visual Studio • SQL • C# • Node.js • Agile Software Development.
- **Other Interests:** Basketball • Drums • Debate • Design • Fashion • 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.
- Conceptualized and engineered a python ML algorithm to analyze unstructured data using multi-class classification.

### 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.
- Modularized components into libraries to make code easily reusable and to benefit the Open Source community.
- Taught weekly classes in beginner level Android Development to 15+ student developers.

### Accenture | Software Developer Intern

Gurgaon, India

#### GLOBAL MANAGEMENT CONSULTING & PROFESSIONAL SERVICES FIRM

May 2017- Aug. 2017

- Developed an iOS application for client 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.
- Worked with clients and other programmers to develop technical solutions to complex business problems.

## Projects (On Github)

### 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.

### Object Oriented Programming, Data Structures & Algorithms

#### COURSEWORK

- **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

#### CAPTAIN

Aug. 2016 - Present

- Trained a team of 40+ students on UN debate and procedures, leading them quarterly to national MUN conferences, where current world issues were tackled, as well as allocating our \$ 15K budget.

### South Asian Student Organization

Grinnell, IA

#### PRESIDENT

Jan. 2017 - Present

- Organized weekly discussions, events, fundraisers featuring South Asian heritage, culture, traditions and experiences.