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**Nabdeep Shrestha**  
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**U.S Citizen**

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Objective: Looking for an internship for Summer 2019 in Full Stack Development and/or Machine Learning to expose myself to modern programming technologies and gain experience in the software engineering industry.

## EDUCATION

### **B.S. Computer Science**

**Virginia Tech College of Engineering**  
Blacksburg, VA | Expected December 2020  
GPA: 3.41/4.00, Spring 2018 Dean's List

## SKILLS

Java (Spring Boot) • Python (Flask) • C •  
Shell Script • JavaScript (JSON) • HTML • CSS  
• SQL • Batch Script • XML • MATLAB •  
Windows • Linux • Test Driven Development  
• Agile

## SOFTWARE/DEVELOPER TOOLS

Eclipse • Android Studio • MS Office •  
MySQL • MS SQL Server • Visual Studio  
Code • Geany • WebStorm • PyCharm • PIP  
• Maven • Gradle • Git • Github • UML

## LINKS

Github://nubdub  
LinkedIn://nabdeep-shrestha

## PROJECTS

### **Sentimentally, PatriotHacks 2018 "Best Use of Open Source Intelligence Hack" Winner (October 2018)**

- Developed a web application with my team of four that performs sentiment analysis on Tweets related to a user-inputted term and returns/displays the overall sentiment score
- Primary role was to develop the front-end UI with HTML, CSS, JavaScript, Bootstrap.css, Chart.js, and Swiper.js
- Assisted with the back-end development which utilized Python, Flask, Tweepy, Twitter Search API, and Textblob
- Awarded **"Best Use of Open Source Intelligence"** by Verizon because the project utilized multiple open source frameworks to perform data analysis

### **Music Visualization, Final Project for CS 2114 Software Design and Data Structures (April 2018)**

- Developed with my team of three on Eclipse IDE, written in Java, collaborated over a private repository on Github
- The application read two .csv files: one contains a list of songs and the other contains survey data of the responder's major, region where he/she is from, hobby, and whether he/she liked the song or just heard it
- Visualized the number of likes and heards for each song in the list based on major, region, and hobby, and it can sort the list of songs by title, artist, and release year.

## ACTIVITIES

### **VTHacks Public Relations Committee | September 2018 - Present**

- Responsible for using a wide range of media to build and sustain a good image for VTHacks and planning publicity strategies and campaigns
- Engage the public with information about new promotional updates and current PR progress on the VTHacks Hackathon
- Assist with preparation and coordination of one of the largest Southeast hackathons with over 500 participants

### **Vice President, Web Development @ VT | October 2018 - Present**

- Assist the President with leadership and organizing WDVT meetings
- Promote WDVT on social media to gather student interest
- Develop web applications using HTML5, Bootstrap.css, and various JavaScript libraries

Member of ACM and Cybersecurity Club • Avid Hackathon Participant • 7 year guitarist

## EXPERIENCE

### **VT College of Engineering:**

#### **Engineering Lab Support Technician**

October 2018 – Present | Blacksburg, VA

- Maintain and configure computer systems for the WARE and INVENTS engineering labs

#### **Software Assistance Triage Technician**

August 2018 – Present | Blacksburg, VA

- Provide IT assistance, consulting, and troubleshooting for students within the College of Engineering with issues such as operating system and software installations, driver issues, hardware diagnostics, network troubleshooting, and virus removal

#### **Undergraduate Research Assistant: Web Developer, VT**

#### **Biocomplexity Institute**

September 2018 – Present | Blacksburg, VA

- Develop an interactive webpage exhibit that explains the concept of noise in biological gene expression through music analogies under the direction of Dr. Silke Hauf

#### **Software Development Intern, Long & Foster**

June 2018 – August 2018 | Chantilly, VA

- Heat Map Project: Designed and implemented a multi-threaded REST client that consumed the Google Maps API to calculate the linear distance between Long & Foster Property Management's properties in Northern Virginia and their office locations; the program also generated a map image with all the properties