Current Address:
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Nabdeep Shrestha
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U.S Citizen

Permanent Address:
42608 Mandolin Street
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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 June 2020
GPA: 3.41/4.00, Spring 2018 Dean's List

SKILLS
Java (Spring Boot) • Python (Flask) • C • Shell Script • JavaScript (JSON, jQuery, Node.js, Express.js) • HTML • CSS (Bootstrap) • SQL • Batch Script • XML • MATLAB • Windows • Linux (CentOS, Ubuntu) • 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 • Docker

LINKS
Personal: nubdub.github.io
Github://nubdub
LinkedIn://in/nabdeep-shrestha

EXPERIENCE
GitHub Organization Coordinator, Virginia Tech
November 2018 – Present | Blacksburg, VA
- Promote Git and GitHub usage across campus by organizing workshops for beginners and collaborating with professors to include Git in their courses
- Hold office hours for students who need assistance with Git

Software Assistance Triage and Engineering Lab Support Technician, VT College of Engineering
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
- Configure and maintain computer systems at the WARE Lab and INVENTS Lab

Undergraduate Research Assistant: Web Developer, VT Biocomplexity Institute
September 2018 – December 2018 | 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 marked along with the offices

PROJECTS
Personal Website
- Developed a personal GitHub page through my time with Web Development @ VT
- Utilizes Bootstrap.css, a Responsive Image Grid CSS library, and jQuery

Bridge Problem Calculator, Web Development Project for CS 2104
- Developed a website that calculates the Bridge and Torch problem with 4 people
- Styled with Bootstrap.css and calculations are implemented with JavaScript
- Deployed on Google Cloud Platform: ninth-keyword-221616.appspot.com

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
- Re-designed project later so that the back-end runs as an Express.js application on a Node.js server

ACTIVITIES
Computer Science Student Ambassador | December 2018 - Present
- Represent and assist the CS Department during information sessions, career fairs, recruiting events, and hosting company representatives for events and technical talks

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 particpants

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