

Nicholas Hanoian

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Education

University of Vermont | Bachelor of Science in Data Science and Mathematics
GPA: 4.0/4.0 • Honors College

Expected May 2021
Burlington, VT

Undergraduate Coursework

- Data Structures and Algorithms
- Combinatorial Graph Theory
- Survival and Logistic Regression
- Advanced Programming
- Database Design for Web
- Applied Linear Algebra
- Statistical Methods I, II
- Calculus II, III

North Smithfield High School

GPA: 4.635/4.0 • Class Rank: 1 of 118

June 2017
North Smithfield, RI

Projects

Website Development | Lead Developer

Dec. 2018

- Received 1st place at the 2018 University of Vermont Computer Science Fair for designing and developing a website to help people pick out their next computer.
- Wrote a RESTful API in PHP to interact with a MySQL database, using JSON Web Tokens for authentication.
- Utilized React JS and Bootstrap to create a multi-page web app, featuring different views for guests and registered users, and an interface for administrators to interact with the database.

Climate and Health Assessment

Dec. 2018

- Researched, analyzed, and presented on the aspects of climate change that pose the greatest threats to public health in Los Angeles, California.
- Queried and aggregated geographic and population data from public databases, and used GIS software to create interactive maps.
- Created data-supported policies designed to improve public health in Los Angeles.

Awards

1st place in the University of Vermont Computer Science Fair, Intermediate Web Design
University of Vermont Honors College Nelson Award
University of Vermont Presidential Scholarship
Trumpet player for the CBDNA Eastern Division Intercollegiate Band
Trumpet player for the NAFME All-National Honor Band

Dec. 2018
May 2018
May 2017
Mar. 2018
Nov. 2016

Work Experience

Teacher's Assistant | Intermediate Programming

Aug. 2018–Present
Burlington, VT

- Helped students understand concepts of object-oriented programming and apply them to projects

AIPSO | Automation Support Intern

May 2018–Aug. 2018
Johnston, RI

- Wrote PowerShell scripts to further automate the rollout of new computers.
- Provided technical support to company employees and clients.

Technical Skills

Python, R, SQL, C++, Java, JavaScript, PHP, HTML, CSS • React JS, Bootstrap
Git, Make • Emacs, UNIX, \LaTeX