

Danny Nguyen

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EDUCATION

University of Colorado at Boulder – College of Engineering & Applied Science

Anticipated May 2020

Bachelor of Science in Computer Science

- **Relevant Courses:** Data Structures, Computer Systems, Algorithms, Principles of Programming Languages, Robotics, Object Oriented Design, Natural Language Processing, Discrete Structures, Data Science, Linear Algebra, Calculus I & II,

RELEVANT PROJECTS

DinoCo | Python, Flask, JavaScript, Html/Css, Google API's

March 2019 – May 2019

- Web based application built using Flask that allows users to budget trips based on city end points.
- https://github.com/Inguyen96/CSCI-4448/tree/master/Project/Travel_App

Drone Rescue Mission | ROS, OpenCV, Python, C, Linux

November 2018 – December 2018

- Autonomous drone that path plans using A* through a dynamically created map of a specific area. The drone uses its camera to find AR tags that set the dimensions of the map and then recreates any obstacles that may exist.
- <https://github.com/Jetanat/Drone-Rescue-Mission>

Match Messaging | Html, Css, Java, Python, Google Firebase

January 2018 – May 2018

- Online browser-based messaging application that allows users to chat with others on the same platform and get matched with others based on similar interests.
- <https://github.com/TeamEpyk/MatchMessaging>

Final Data Structures Project | C++

January 2017 – May 2017

- Comparing the methods of chaining and open addressing for building a hash table using data from baseball players.
- https://github.com/Danny-Nguyen/Projects/tree/master/FinalProject_CSCI2270

League of Legends Simulator Project | Python

August 2016 – December 2016

- Programmed a game simulation that allows the user to create a team of five champions with randomized values to either win or lose using two classes.
- https://github.com/Danny-Nguyen/Projects/tree/master/Nguyen_Project2

TECHNICAL SKILLS

Programming Languages: C/C++, Python, LaTeX, Scala, Html/CSS, SQL, Java, Javascript

Libraries/Tools: Flask, Pandas, Matplotlib, Numpy, Git, OpenCV, ROS, React, Redux, Windows, Linux, MacOS

Language skills: Fluent English, Fluent Vietnamese

TECHNICAL EXPERIENCE

Student Software Developer II – University of Colorado at Boulder Office of the Registrar

August 2019 – Present

- Creating scripts, developing applications, and automating business processes mainly using Selenium, .NET, and C#.

Software Developer Intern – Aetna, a CVS Health Company

May 2019 – August 2019

- Developing web based applications and features in React and Redux for use by users of Aetna Health Insurance.

LEADERSHIP

Bridging Hope - Denver, Colorado

Fall 2017 - Present

Volunteer

- Bridging Hope is a non - profit organization aimed to help the underprivileged women and children of Vietnam. Helped to raise a total of \$20,000 at their fundraising event.

Vietnamese Student Association - Boulder, Colorado

Family Leader

Fall 2016 - Present

- Group leader for a Vietnamese culture interest club at CU - Boulder. Helped to plan events throughout the year and perform in a collective show near the end of the school year.