

TIFFANY PHAN

tiffany.phan@colorado.edu • 520-269-2074
tiffanyphan.dev • linkedin.com/in/tiffanyvophan • github.com/TiffanyVPhan

EDUCATION

Bachelor of Science in Computer Science University of Colorado at Boulder	May 2021
Master of Science in Computer Science University of Colorado at Boulder	Expected May 2022
<ul style="list-style-type: none">• GPA: 4.0• Honors / Awards: Dean's List, CU Boulder Esteemed Scholarship• Relevant Coursework: Data Structures, Software Development and Tools, Algorithms, Operating Systems, Programming Languages, Data Science, Intro to Robotics, Machine Learning, Big Data Architecture, Data Systems, Object-Oriented Design & Analysis, Natural Language Processing, Computer Vision	

SKILLS

Languages: C++, C, R, Python, TypeScript, JavaScript, HTML, CSS, Bash, SQL, Java
Tools: Angular, React, GraphQL, Firebase, Git, Agile / Scrum

SOFTWARE DEVELOPMENT

Software Engineer Intern Splunk Bay Area	May 2021 - August 2021
<ul style="list-style-type: none">• Developed a full stack Java + GraphQL API and React frontend that allows customers to configure their trace retention duration for the Splunk Application Performance Monitoring (APM) product• Created a Kafka producer to send messages about trace information to Kafka broker to be consumed by backend• Developed search functionality and algorithm to allow users to search for various span tags and values inside a trace• Managed team tasks using Agile / Scrum framework with twice-a-week standups and biweekly sprints• Skills Applied: Java, TypeScript, React, GraphQL, JUnit, Jest, Kafka	
Software Engineer Intern Visa Inc. Austin, TX	May 2020 - July 2020
<ul style="list-style-type: none">• Developed frontend for website that helps empowers users to discover and donate to charities and businesses• Streamlined charity donation process by allowing users to donate directly on website using Visa Direct API• Stored charity and user information in Firebase Realtime Database• Managed team tasks using Agile / Scrum framework with daily standups and weekly sprints• Skills Applied: TypeScript, Angular, HTML, CSS, Firebase	

PROJECTS

PicSure Angular, TypeScript, Python, Redis, Kubernetes, Flask, Google Cloud Platform	February 2020 - May 2020
<ul style="list-style-type: none">• Scalable web application that checks a picture's integrity by comparing hash of photo on Redis database• Developed website using Angular framework	
MyCUEverything Python, HTML, CSS, JavaScript T9Hacks Hackathon	February 2019
<ul style="list-style-type: none">• Developed web application that displays student's school information all on one page using Beautiful Soup library• Worked on backend API using Python to scrape relevant school websites for student information	

LEADERSHIP

Lead Teacher Assistant (TA) for Introduction to Computer Science University of Colorado at Boulder Boulder, CO	August 2021 - present
<ul style="list-style-type: none">• Teaching a recitation section of 40 students about concepts, coding logic, algorithms, syntax, and homework in C++• Conduct grading interviews for class projects and in charge of putting together exams• Assist students in office hours (4 hrs/week)	

AFFILIATIONS & AWARDS

T9Hacks 2020 Hackathon , Best Creative Technology Winner	February 7-8, 2020
T9Hacks 2019 Hackathon , Best Community Hack Winner	February 9-10, 2019
Lucid Coding Challenge 2019 , First Place Winner	February 2, 2019
Local Hack Day 2018 Hackathon , Most Random Hack Winner	December 1, 2018
CyberSecurity Club, Women in Computing, Computer Graphics Club	September 2018 - Present