

Calvin Viet Hung Nguyen

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Portfolio: <https://calvinnguyen.org/>

OBJECTIVE

Ambitions Software Developer/ DevOps Engineer with a strong engagement towards collaboration and teamwork. Experienced in a diverse span of languages and frameworks to develop valuable programs. I am committed to producing a high standard of efficiency, accuracy, and adaptability. Striving on bringing a unique experience and value to my work. I am a valuable team player with a determined nature to face any challenge and learn and improve to the best of my abilities.

EDUCATION

METROPOLITAN STATE UNIVERSITY OF DENVER – Denver, CO 12/21 Anticipated
Bachelor of Science (B.S.) – Computer Science
Minor – Mathematics and Management
GPA: 3.7

SKILLS

Python, Java, C#, React-native, Angular, Node, Javascript, CSS, HTML, Ruby on Rails, SQL, MongoDB, AWS, Firebase, Scala, Power BI, Wireshark, NMAP, Jenkins, Microsoft office suite.

JOB EXPERIENCE/ INTERNSHIPS

Customer Service Representative for Office of Registrar
Metropolitan State University of Denver December 2019-present

- Utilized exemplar customer service and efficient problem-solving skills to help students navigate any problems they might face relating to the office of registrar.
- Experienced in handling private information and acquired great skill in keeping track of large data sets.

Devil Dog Cybersecurity Internship August 2020-December 2020

- Conducted vulnerability testing for different US bases/institutions and created reports on those vulnerabilities.
- Automated and formatted the hundreds of official documentation and forms using Elastic Search, Access, Word, and Adobe.

JP-Morgan Chase Software Engineering Virtual Internship June 2020- July 2020

- Delivered programs that helped visualize and analyze share prices data for traders.
- Used Python, typescript, react, web applications, and many other platforms to help develop desired projects for JP-Morgan Chase.

Travelport DevOps Internship May 2021- August 2021

- Implemented many solutions to optimize multiple TDM Microservices and APIs, using Javascript and C#.
- Integrated a tool using javascript and PowerBI to simplify and automate the process of displaying integral information to an interactive dashboard.
- Proactively contributed to the development of a business case solution that automated registration and scheduling for the SAFe class offered by Travelport.
- Responsible for raising over \$2,000 for the Dumb Friends League on Travelport's behalf.

PROJECTS

MSU Kconnect:

- Developed a mean stack application that allows students to fill out a form and populate a full functioning website based on the 5 different website templates we developed.
- Used Angular, Javascript, SQL, HTML, AWS, and firebase.

EESANA:

- Designed and deployed a website for the Eritrean-Ethiopian Student Association of North America, showcasing the meetings, events, and contact information about this national club.
- Used React-native, javascript, html, bootstrap, css, and firebase.

Syntax and Lexical Analyzer:

- Coded a program from scratch using Scala to take input from source code written in the programming language based on Pascal and used that grammar to generate a pared tree through the top-down approach, while throwing the appropriate exception messages.

Palindrome Sequence:

- Administered program in Scala that counted thousands of palindromic sequences that can be created for a given number that could be produced in less than 15 minutes using functional programming.
- Implemented Explicit stack as opposed to call stack in order to prevent running out of memory when executing the program.

Persona Switcher:

- Worked on this open-source web extension that provides the users the option to quickly change their themes as desired with alternative options to change options via personalized keyboard shortcuts,
- Using javascript, CSS, HTM, Sonar Cloud, Travis CI.

ACHIEVEMENTS

SAFe Practitioner Certified, 2021.
Roadways Honor Roll – Metropolitan State University of Denver, 2019.
Board Member, American Society of Mechanical Engineers & Student Affairs' Student Advisory Board – MSU Denver, 2019-2020.