

# Michael Allen Zulueta Dacanay

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## Purpose:

Hardworking, caring, and passionate computer science student actively seeking a technical co-op or summer internship where my coding skills and passion for problem solving can contribute to creating technology solutions.

## EDUCATION

**North Carolina State University, B.S. in Computer Science**, Business Entrepreneurship and Statistics minors  
GPA: 3.95 | Expected graduation, May 2022

## EMPLOYMENT and INTERNSHIPS

**High Performance Computing Intern, Office of Information Technology** – NC State University (July 2020 - present)

- Support the high performance computing resources at the university

**Systems Engineer Intern, Fidelity Investments** – Research Triangle Park, NC (Summer 2020)

- Developed a user interface using Angular and Flask for use by support teams to have a view of their EC2 instances and AMI compliance
- Created IAM roles and used Boto3 to assume roles with AWS Security Token Service and describe EC2 instances
- Sent HTTP requests to access data from Service Now API
- Deployed project using Apache Tomcat and Jenkins pipeline; stored codebase in Artifactory

**Code Coach, theCoderSchool** – Raleigh, NC (July 2018 - present)

- Teach elementary and middle school students basics of coding and foundational computer science concepts

**Global Technology Infrastructure Intern, Sutherland Global Services** – Suzhou, China (Summer 2019)

- Assisted department head and IT team to troubleshoot technical problems and create solutions
- Prepared replacement hardware for production program, performed desktop level software and hardware installations and upgrades, implemented file backups, and configured systems and applications
- Managed Active Directory; created users, computers, and applied policies
- Utilized Microsoft SCCM to manage computers within the domain
- Taught technical English to employees to better interface with upper management

**Apprentice, Shodor Education Foundation** – Durham, NC (October 2016 - August 2017)

- Learned and applied computational science ideas and models
- Built portfolio website to showcase projects and daily blog reflections
- Accessed data in an SQL relational database using PHP and MySQLi
- Created dynamic websites using HTML, CSS, and PHP
- Developed professional office skills including directing phone calls and covering front desk reception

## SKILLS and PROJECTS

- IBM Master the Mainframe certification (2019)
- SAS Analytical Software Base 9 Programming certification (2017)
- Microsoft Office Suite Master | Proficient knowledge in Word, PowerPoint, Excel, and Access (2016)
- Proficient in Java and Python
- HackNC, HackDuke, NCSU Make-A-Thon, Congressional App Challenge participant
- Proficient in Chinese

## LEADERSHIP and SERVICE

**North Carolina State University** – Raleigh, NC (September 2019 - present)

- Professional Development Project Manager, Society of Asian Scientists and Engineers
- Caldwell Fellow, 1887 Fellows Program, Leadership Development Program, IBM Pathfinder Mentorship Program