Michael Long

EDUCATION

· Concentration: Software Engineering | Minor: Mathematics | GPA: 3.89

TECHNOLOGY

| Python | HTML5 / CSS | Java | SQL | JavaScript | Vue.js | Highcharts | Windows | Linux |
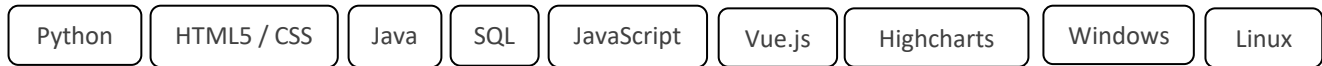
EXPERIENCE

· Software Developer | 01/2020 – present
  o Working with teams of data scientists, statisticians, and researchers to develop and maintain web-based applications for data visualization.
  o Contributing features to internal data visualization library that allows for the easy creation of data visualization dashboards.
  o Developing new features for mapMECFS data portal, a project that provides a dynamic, searchable interface to a comprehensive set of experimental results generated by the Myalgic Encephalomyelitis / Chronic Fatigue Syndrome (ME/CFS) Network.
  o Created web application that displays Belize-based non-governmental organization (NGO) data.
  o Converted Go code to Python for extract, transform, load (ETL) procedures in order to provide better readability and maintainability.

Consultants to Government and Industries (CGI)
· Software Developer | 02/2019 – 01/2020
  o Used Kafka to parse JSON messages containing health care claim information.
  o Created Python unit test framework for parser program.
  o Supported legacy Java application for transmitting health insurance claim images.
· Software Engineering Intern | 06/2018 – 07/2018
  o Worked with 7 interns located in 4 different cities.
  o Held 2 separate roles over 2 sprints: Developer and Technical Lead.
    ▪ Created a web application which tracks meeting attendees, project health, project and meeting scorecards, and the current project reviewer for engineering review meetings.

University Of North Carolina at Charlotte
· Client Support Tech Assistant | 11/2016 – 12/2018
  o Provided support to lower level Technical Assistants.
  o Maintained working knowledge of common issues that arise in the Information Technology Service Desk.
  o Assisted faculty and students in resolving technical issues ranging from password resets to network issues.

United States Marine Corps | 07/2006 – 10/2014
· Public Affairs Liaison
  o Organized and coordinated public events with outside agencies for 200 Marines.
  o Supervised Marine Corps tasks issued to groups of 4, 12, 50, and 300 Marines.
· Barracks Manager
  o Created schedules for 150 rotating incoming and outgoing Marines living in the barracks.
  o Helped create the barracks rules and regulations policy for Bravo Fleet Anti-Terrorism Security Team company.
  o Implemented and enforced policies and guidelines.
· Squad Leader
  o Created and presented detailed plans to individuals in charge as well as subordinates.
  o Led and mentored 12 junior Marines to help them grow both personally and professionally.
· Team Leader
  o Communicated effectively with individuals in foreign countries using the native language while respecting local culture.
  o Collaborated with service members from US and foreign military branches in a high-stress environment.
  o Adapted to the fluid and ever-changing military environment while overseas and stateside.