

# Michael Long

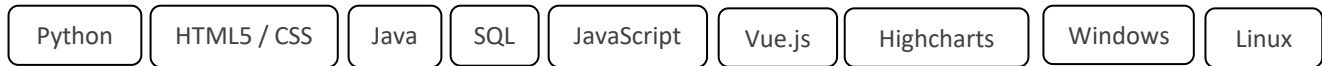
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## EDUCATION

**Bachelor of Science in Computer Science | December 2018 | University Of North Carolina at Charlotte**

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

## TECHNOLOGY



## EXPERIENCE

### RTI International

- Software Developer | 01/2020 – present
  - Working with teams of data scientists, statisticians, and researchers to develop and maintain web-based applications for data visualization.
  - Contributing features to internal data visualization library that allows for the easy creation of data visualization dashboards.
  - 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.
  - Created web application that displays Belize-based non-governmental organization (NGO) data.
  - 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
  - Used Kafka to parse JSON messages containing health care claim information.
  - Created Python unit test framework for parser program.
  - Supported legacy Java application for transmitting health insurance claim images.
- Software Engineering Intern | 06/2018 – 07/2018
  - Worked with 7 interns located in 4 different cities.
  - 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
  - Provided support to lower level Technical Assistants.
  - Maintained working knowledge of common issues that arise in the Information Technology Service Desk.
  - 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
  - Organized and coordinated public events with outside agencies for 200 Marines.
  - Supervised Marine Corps tasks issued to groups of 4, 12, 50, and 300 Marines.
- Barracks Manager
  - Created schedules for 150 rotating incoming and outgoing Marines living in the barracks.
  - Helped create the barracks rules and regulations policy for Bravo Fleet Anti-Terrorism Security Team company.
  - Implemented and enforced policies and guidelines.
- Squad Leader
  - Created and presented detailed plans to individuals in charge as well as subordinates.
  - Led and mentored 12 junior Marines to help them grow both personally and professionally.
- Team Leader
  - Communicated effectively with individuals in foreign countries using the native language while respecting local culture.
  - Collaborated with service members from US and foreign military branches in a high-stress environment.
  - Adapted to the fluid and ever-changing military environment while overseas and stateside.