



# CALLIE JONES

## WORK EXPERIENCE

### ZAYO GROUP

Application Developer | Jun, 2018 - Current

Developed customer API's to support ticketing, service management, and maintenance cases management. Built database structures used by wider team and established development patterns. Received Top Achievement Award of 2018.

### AUTODESK

Software Developer Intern | Jun, 2017 - Aug, 2017

Researched WebAssembly and compiled multi-platform 3D modeler Q3D to WebAssembly which improved performance time of application.

### UNIVERSITY OF COLORADO BOULDER

Student Assistant for CSCI 4113 - Linux Systems Administration | Jan, 2017 - May, 2017

Assisted students with learning core concepts such as managing servers, CRON jobs, and using Puppet.

### AUTODESK

Software Developer Intern | Jun, 2016 - Aug, 2016

Integrated Google Analytics into FormIt software on all platforms.

## EDUCATION

### UNIVERSITY OF COLORADO BOULDER

B.S. Computer Science - Major GPA: 3.4 | Aug, 2014 - May, 2018

Dean's List of 2018.

## RELEVANT COURSEWORK

Data Structures | Computer Systems | Operating Systems | Algorithms | Network Security | Big Data Architecture | Network Systems  
Databases | Computer Storage Systems | Object-Oriented Analysis & Design | Principles of Programming Languages | Machine Learning

## PROJECTS

### NETWORK SYSTEMS DISTRIBUTED FILE SYSTEM

Developed a multi-threaded and redundant application that allows users to enter their password through the client to upload and download files from four servers using C.

### MACHINE LEARNING COURSE PRACTICUM

Given a data set of 4000 tweets, I developed classifiers to predict whether a Tweet was sent from Hillary Clinton or Donald Trump.

### OBJECT-ORIENTED ANALYSIS & DESIGN COURSE PROJECT

Developed an application to facilitate a pet rental service using MongoDB, Java and Javascript. The database consisted of users, hashed user data, pet information and pet schedules.

### SOFTWARE DEVELOPMENT METHODS & TOOLS COURSE PROJECT

Developed a food delivery application supported on iOS and web platforms using Swift, Firebase, MongoDB and NodeJS.

### BIG DATA ARCHITECTURE COURSE PROJECT

Developed web application to display correlation between tweets with company Twitter handle and the company's stock quote using Scala, Quandl, Apache Spark, MongoDB and NodeJS.

## SKILLS

C++	Java	C	Scala	Javascript	Python	PostgreSQL	SQL	MongoDB	NodeJS	Linux
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