**Kenny Ellis**

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**EDUCATION**

**University of Colorado at Boulder – College of Engineering and Applied Sciences - May 2018**

**Bachelor of Arts in Computer Science**

**GPA**: 3.329

***Relevant Projects:***

* **SMS Simulator**: Imported contacts as a dictionary to Python using JSON where we implemented Twilio's API to send SMS messages to the user's specified phone number.
* **TimeLess :** Using Python/Flask with Raspberry Pi web hosting, MySQL, and Bootstrap, designed an innovative single stream web application to help manage your life at a glance. Contained four main areas including General Notes, Events, To Do, and Assignments all in interactive platform.
* **Weather Heat Map:**  Produced a color oriented weather heat map of the U.S. displaying different temperate zones using Darksky.nets forecast API, CSS, JSON, and Python.

***Relevant Courses:*** Data Structures, Data Systems, Operating Systems, Database Systems, Algorithms, Software Development.

**LEADERSHIP:**

**Arapahoe Ridge High School,** Boulder, CO Feb 2017- Present

*Volunteer*

* Actively working in a classroom of students who are new to the United States, coming from diverse and less fortunate households.
* Help the students with communication, and aiding the students with interpretation of homework and reading assignments.

**CU Boulder University Memorial Center,** Boulder, CO Fall 2017- Present

*Volunteer*

* Working as an active volunteer at CU Boulder’s UMC building.
* Help to maintain a working and functional facility, while helping prepare many of the various events hosted at the UMC.

**Boulder RFC,** Boulder, CO 2011-2014

*Team Captain/ Volunteer*

* Team captain of the Boulder High School Ruby Football Club.
* Helped lead practice, pre-game warmups, organized team traveling and transportation, and lead the team during the matches.
* Participated in team volunteering at the Boulder Food Share

**EXPERIENCE**

**OAG ANALYTICS,** Boulder, CO June 2015-August 2015

*Intern:*

* Worked with the parsing of OAG company log files using Ruby.
* Designed a local database to populate using Ruby on Rails.
* Worked remotely on a multi-deadline based schedule.

**Sky Castle Real Estate,** Erie, CO May-2016 - July 2015

*Assistant Manager:*

* Worked directly with homeowners in distressed financial situations by purchasing, renovating, and reselling their homes to retail home buyers and landlords.
* Reached out to homeowners, scheduled property walks, visited properties.
* Created estimated repair cost (ERC), and after repair values (ARV) based on walk through assessments.

**LANGUAGES:**

* *Profound****:*** C++, C, Python.
* *Competent***:** HTML/CSS, SQL, MySQL.
* *Familiar****:*** Assembly, Ruby, Rails.

**ADDITIONAL INFORMATION**

* I enjoy playing intermural football, wakeboarding, snowmobiling, and actively participating in both wrestling and rugby.
* Actively learning Hadoop and R.
* Received a black belt in Tae Kwon Do.
* National Honor Society at Niwot High School