**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
* **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:**

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

*Volunteer:*

* Completed approximately 50 hours thus far as an active volunteer at CU Boulder’s University Memorial Center
* Helping to maintain a working and functional facility, while helping prepare many of the various events hosted at the UMC

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

*Volunteer:*

* Worked in a classroom of students who are new to the United States, coming from diverse and less fortunate households
* Helped the students with the communication and interpretation of given homework and reading assignments

**EXPERIENCE**

**Emerson - Micro Motion** Boulder, CO May-2017 – August 2017

*Information Technology / eBuisness / Business Intelligence Intern:*

* **Data Dictionary:**

-Developed a site that significantly improved the readability and accessibility of Emerson’s global data warehouse's information

* **Ticket Dashboard:**

-Developed an IT ticket page for Emerson's Business Intelligence sit

-Allows daily IT users to see real-time ticket status reports from all global Emerson site locations

* **Database Project:**

-Implemented SQL NOLOCK hints to 830+ views in Micro Motion’s development, project, and staging databases to prevent deadlock

-Increased the time that daily users have access to MMI's database files

* Formed a cross-functional intern team to improve productivity and inter experience
* Assisted in the documentation and testing of 100+ scenarios for an international oracle applications upgrade

**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, visited properties, and completed thorough property walks

Created estimated repair cost (ERC), and after repair values (ARV) based on walk through assessments

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

*Software Developer Intern:*

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

**LANGUAGES / SKILLS:**

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

**ADDITIONAL INFORMATION**

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