

LOUIS BOUDDHOU

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EDUCATION

The University of Colorado at Boulder – Boulder, CO

Bachelor of Science, Computer Science with an emphasis in Software Engineering

Minor in Business with an emphasis in Managing Innovation

GPA: 3.2

May 2016

HONORS AND AWARDS

Dean's List (Spring 2013) – Boulder, CO

May 2013

BOLD Center Academic Award - Boulder, CO

April 2012

- Earned a BOLD academic medal awarded at the Celebration of Excellence held by the BOLD Center from the Engineering College at the University of Colorado at Boulder.

EXPERIENCE

Font'n – Boulder, CO

September 2015 – December 2015

Android App Front End Developer

- Built a font-maker application front-end using java on Android Studio IDE, all from scratch.
- Using an Object Oriented approach and a design pattern driven development among a 4 members group.

'The Fountain' (Maya Animation) – Boulder, CO

September 2015 – December 2015

- Creating and rendering a 1-minute long 3D animated architectural scene video with audio editing
- Incorporating seamlessly tileable textures, realistic modeling and luminosity.

DragonDev – Boulder, CO

September 2013 – May 2014

Junior Web Application Developer

- Improving user-friendliness of one of the company's web app tools and updating the interface to follow the company's standards.
- Building a mobile web application for a company's client and helped fixing bugs on other web applications

ASCE National Student Steel Bridge Competition – Boulder, CO

February 2013 – April 2013

Bridge Constructor

- Helped fabricate a one-tenth scale steel bridge as part of a team of students at the University of Colorado Boulder
- Practiced structural design/analysis, project management and learned fabrication techniques while gaining appreciation for the strength and constructability of steel.

Water Waste Issue, class project - Boulder, CO

October 2011 - December 2011

Group Project Member

- Analyzed water waste issues in Williams Village as member of the Residential Academic Program (RAP). Project exhibited at the yearly science expo
- Collected data on water distribution in Williams Village housing facilities (part of CU campus) and assessed residents' clean water usage through conducted surveys.
- Designed a water-efficient facility system to help conserve clean water used by students through the use of grey water and sustainable water-consumption.

TECHNICAL SKILLS

- **Languages + Frameworks:** Ruby on Rails, Python, C++, JavaScript, CSS, HTML, VB, Adobe Photoshop, AutoCAD, Revit, Mathematica, MathCAD, Axure, Pixate
- **Platforms + Others:** Windows, Mac OSX, Linux, MS Office, Git

LEADERSHIP & VOLUNTEER EXPERIENCE

InnovateCU – Boulder, CO

August 2013 – August 2014

Event Chief

- Selected to help provide diverse resources, connections, and strong bonds between our computer science students, other college students and technology startup communities to encourage and inspire innovative, creative, and impactful work.
- **CS AwesomeFest:** collaborated with the CS department and four local tech companies as guest to allow for the CS students to be directly inspired by and connected with professional engineers and to encourage innovative collaborative efforts.

Bold Center Student Leadership Council – Boulder, CO

January 2013 – June 2013

Co-chair/International Representative

- Selected to participate in a program designed to support and represent students' academic and professional development through professional connections and through planned student-targeting events.
- Contacted business executives and community leaders for prospective graduates about work environment for minorities.

K-12 outreach with Polaris at Ebert Elementary School - Denver, CO

April 12, 2013

Organizer/Volunteer

- Reached out to an elementary school class for gifted children. Explained and helped the children in building an earth dam out of raw materials
- Planned and taught an integrated one-hour lesson aimed at elementary school on Civil Engineering.
- Demonstrated the difference characteristics of raw materials by having the children build several earth dams.