LOUIS BOUDDHOU

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EDUCATION

The University of Colorado at Boulder – Boulder, CO   **GPA**: 3.2
Bachelor of Science, Computer Science with an emphasis in Software Engineering   *May 2016*
Minor in Business with an emphasis in Managing Innovation

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 from the Engineering College at the University of Colorado

TECHNICAL SKILLS

- ***Languages + Frameworks***: HTML, CSS, JavaScript, AngularJS, Visual Basic, Ruby on Rails, Python, Java, C++, C
- ***Platforms + Tools***: Linux, Git, Mathematica, MathCAD, Axure, Pixate, Adobe Photoshop, AutoCAD, Revit, Maya

EXPERIENCE AND PROJECTS

Apt Abode – Boulder, CO   *Jan 2016 – Ongoing*
Front-End Developer
- Building a responsive home management platform that connects homeowners to their agent when the agent's expertise is advantageous.
- Apt Abode is one of the 6 projects of the Startup Essentials Capstone course, pitching at the 8th annual CU New Venture Challenge.

Font'n – Boulder, CO   *Sep 2015 – Dec 2015*
Android App Front-End Developer
- Built a font-maker application's 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.

Quikst – Boulder, CO   *Sep 2015 – Dec 2015*
Mobile/Desktop UI Designer
- Founded and designed a web application as a second-hand items selling platform for students and by students around campus.
- Quikst was a first attempt at building software as a service for the Startup Essentials Senior class.

'The Fountain" (Maya Animation) – Boulder, CO   *Sep 2015 – Dec 2015*
3D Animation Renderer and Designer
- Creating and rendering a 1-minute long 3D animated architectural scene video with audio editing.
- Incorporating seamlessly tileable textures, realistic modeling and luminosity.

myCUplanner – Boulder, CO   *Jan 2014 – May 2014*
Ruby on Rails Software Developer
- Built an attemptive classes scheduling app aimed at computer science students of the University of Colorado at Boulder, in a group of two.
- Wireframed the designs and used the Model-View-Controller architectural pattern to develop the application.

ASCE National Student Steel Bridge Competition – Boulder, CO   *Feb 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 gained appreciation for the strength and constructability of steel.

INTERNSHIP

DragonDev – Boulder, CO   *Sep 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.

LEADERSHIP & VOLUNTEER EXPERIENCE

InnovateCU – Boulder, CO   *Aug 2013 – Aug 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   *Jan 2013 – June 2013*
Co-chair/International Representative
- Selected to participate in a program designed to support and represent diverse 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 to build an earth dam out of raw materials. Planned and taught, in a group of 4, an integrated one-hour lesson aimed at elementary school pupils on Civil Engineering.