CALEB BERTRAND

Front End Developer and Tutor

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I am a front-end web developer, with a focus on Javascript and Node. I also have experience as a mechanical integrity data analyst in the oilfield and tutoring students in a range of ages and subjects.

Currently, I am pursuing a Bachelor's in computer science and a minor in psychology. My GPA is 4.0. I have experience tutoring middle schoolers in Python, high schoolers in CS Principles and book studies, and college students in calculus and electrical engineering. Outside of school, I have two year's experience in leading a weekly group book study of about ten high school students, which doubled as a daycare service. I also led a daily group book study for ESL college-level students for two months, in which each showed significant improvement in vocabulary and pronunciation. The students were Chinese, Korean, and Mexican.

I've lived for seven years in Hong Kong. I have also visited Thailand, Romania, and Mexico, most of this time spent doing humanitarian volunteer work. My volunteer work mostly involved in entertaining or teaching children. Between my travels, I have gained an appreciation for peoples' differences and cultures. I highly value gender and racial diversity in the workplace.

Authorized to work in the US for any employer

WORK EXPERIENCE

Freelance Web Developer

Self Employed
February 2017 to Present

I've worked for three years as a freelance web developer. My sites are responsive and user-friendly. I have experience with content management systems, APIs, web hosting, domains, version control, and most other tools needed to launch a site from the ground up.
Aside from the technical work, I'll work with you to help better define your product or service, target audience, and what the site should accomplish. Whatever the information, I prioritize presenting it in an attractive, concise, and organized way.
Here are a couple of my favorite sites:
https://temeculachristianfellowship.com
https://bieltunnelboats.com

Data Analyst

Mistras Group, Inc., Lafayette
January 2019 to November 2019

While working here, I analyzed inspection data from mechanical integrity technicians to determine their accuracy and identify discrepancies. I entered this information into various databases, and created a report to be sent to the client. During my time here, I automated some of the data entry processes and made suggestions to the IT team which they used to improve one of the said databases. This job required me to meet deadlines and communicate effectively with other data analysts, CAD drawers, and technicians.

EDUCATION

Freshman in Computer Science

University of Louisiana at Lafayette - Lafayette, LA
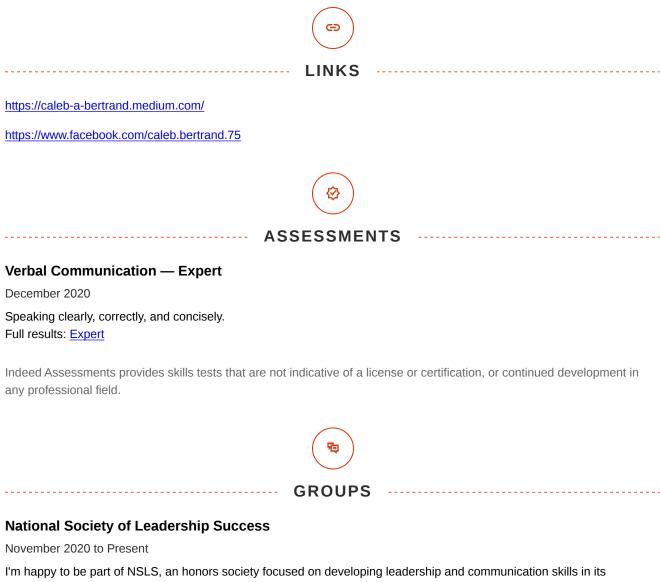
August 2020 to Present

High school diploma or GED

Homeshcooled School + Dual Enrollment at Louisiana College - Lafayette, LA

SKILLS

- **Javascript (jQuery, Node, etc)**
- **HTML5 (Canvas, etc.)**
- **CSS3 (SASS)**
- **Zurb Foundation**
- **Wix**
- **Webflow**
- **GitHub**
- **APIs**
- **User Experience Design**
- **Tutoring**
- **Time management**
- **Calculus**
- **Algebra**
- **Geometry**
- **AJAX**
- **JSON**
- **Computer Science**
- **ES6**
- **Microsoft Office**
- **English**
- **Python**
- **Teaching**
- **HTML5**
- **JavaScript**
- **CSS**
- **REST**
- **Front-End Development**
- **Web Services**
- **Scratch**
- **Cultural Competency**

LINKS

https://caleb-a-bertrand.medium.com/

https://www.facebook.com/caleb.bertrand.75

ASSESSMENTS

Verbal Communication — Expert

December 2020

Speaking clearly, correctly, and concisely.
Full results: Expert

Indeed Assessments provides skills tests that are not indicative of a license or certification, or continued development in any professional field.

GROUPS

National Society of Leadership Success

November 2020 to Present

I'm happy to be part of NSLS, an honors society focused on developing leadership and communication skills in its members.

PUBLICATIONS

Fish Tank HTML5 Simulation

https://www.khanacademy.org/computer-programming/spin-off-of-project-creature-comforts-and-critter-jitters/5717555019644928
A project from high school simulating a fish tank using physics, Perlin noise, and animation.

Music Controlled Physics Simulation

https://soundprogram.herokuapp.com/
A high school project that dynamically moves particles based on music to create a neat animation. (Scroll down to access sliders for the simulation's parameters.)