Christian Lowe

Software Developer
Denver, CO | 713-517-0617
Portfolio | Github | Linkedin | christglowe@gmail.com

Software Development Skills:

Front-End: HTML, CSS, JavaScript (ES5, ES6), jQuery, Bootstrap, React.js

Back-End: Node.js, Express.js, Python,

Database: PostgreSQL, MongoDB

Developer Tools: Git, Github, Heroku, AWS (EC2, S3), Atom, Visual Studio Code

Software Development Projects

Bidder Houston   April 2018
- Created an e-commerce web application that allows users to bid on local art in Houston.
- Developed a reliable system to create and keep track of users and their actions using Node.js, Express and PostgreSQL.
- Worked to prevent common application vulnerabilities by implementing security techniques such as: SQL prepared statements to defend against SQL injection, bcrypt hashing of passwords to avoid plain text storage, and email verification via Nodemailer to guard against inauthentic user registration.

D8   March 2018
- Developed a front-end first web app which generates date night activities based on the results of a personality-style quiz using HTML, CSS, JavaScript, jQuery and Boostrap.
- Designed a scalable structure for making client-side AJAX calls to the Zamato, TMDB, and Google Maps APIs such that the user's time is prioritized and the results render efficiently.

Mood.fm   February 2018
- Built a single-page web application using Node.js and Express that captures a given location based on user input and outputs a custom playlist from the Spotify API determined by the weather in that location by the OpenWeatherMap API.
- Utilized knowledge of read-write streams and event emitters in order to create a seamless flow from user request on the client side to result rendering via API/server response.

DadJokeBot   December 2017
- Wrote a Node.js application to send curated dad jokes from a cloud-hosted database to any given target number every weekday at 8:00 am EST using the Cron API to keep track of time and the Nexmo API to send SMS messages.

Professional Experience

Aadala | Co-Founder   April 2016 - February 2018
- Co-founded a non-profit organization to provide entrepreneurial and financial opportunities for women in rural Morocco and Peru.
- Took ownership of web page development in order to give the organization a strong virtual presence.
- Co-wrote a grant request which won 1st place in Asbury University's Student Business Plan Competition and received an award of $10,000 USD in funding.

International Justice Mission TAMU | Student Marketing Officer   April 2015 - January 2016
- Led campus outreach and recruiting.
- Ran web page development through the Wix CMS.
- Developed monthly social media campaigns such as Behind the Maroon, No Slave November, and Dressember.
- Raised over $3500 USD for the organization during my tenure.

English Language Institute at Texas A&M University | Student Worker   December 2014 – August 2016
- Tutored ESL students in reading and listening skills, worked as a classroom assistant to support lesson delivery, and acted as a weekly conversation partner for part-time ESL students. Co-headed ELI's conversation club.

Education

DigitalCrafts | Full-Stack Immersive Program | Houston, TX   February 2018 – May 2018
- Immersive software development training course which covers a wide range of full-stack development technologies including, but not limited to JavaScript, Python, React, Node.js, PostgreSQL, and many more.

Texas A&M University | B.A. in International Studies | College Station, TX | 3.80 GPA   Fall 2014 – Summer 2016

Semester at Sea | IMPACT Scholar | Global Voyage   Spring 2016