COLSON SCOTT

SOFTWARE ENGINEER

PROFILE

Tenacious, indefatigable software engineer with robust problem-solving skills and impeccable communication that is adept at generating creative ideas, adapting to rapid change, and debugging the hardest problems. Looking to contribute a backend skillset to a company making a positive impact.

SKILLS AND TECH STACK EXPERIENCE

Coding Languages
C, Python, JavaScript/Typescript, HTML/CSS, Bash (Unix/Linux programming)

Frameworks/Technologies
Git, Mongo, Express, React, Node.js, Jest, Redis, Bootstrap, jQuery, Flask, MySQL, SQLAlchemy, Figma, Vagrant, Docker, Puppet, Fabric, HAProxy, Nginx, AWS, Google Cloud, DigitalOcean

Low Level/C Projects
- C Standard Library printf Clone
- Unix Simple Shell
- Custom Python byte code interpreter implemented using Stacks and Queues
- Sorting & Search Algorithms
- Data Structures

Higher Level Projects
- Airbnb clone (single page application) using Python, MySQL and Flask framework, jQuery to insert elements on the frontend, while handling all DevOps manually with 1 load balancer (running HAProxy) and 2 web servers (running Nginx)
- Built a mobile-first responsive website directly from Figma designs using Bootstrap, jQuery, and JavaScript
- Updated and maintained existing web scraping utility for school projects
- Built a CLI program to automate code checking using existing RESTful API
- Built a basic personal finance app using Plaid API with real personal integrations

HOW TO REACH ME

Cell: 918-613-6449
Email: colsonscott53@gmail.com
Location: Owasso, OK
LinkedIn: @colson-scott
Github: OctopusHugz

CAREER SUMMARY

Student Tutor
Holberton School Tulsa | May 2020 to present
- Provided guidance and instruction to help remove students' roadblocks to learning
- Lead a live code for around 40 students to dive deeper into C programming concepts
- Designed novel software solutions to automate repetitive tasks for staff
- Collaborated with staff and implemented ideas to improve the student experience
- Supported students with encouragement and positive reinforcement to instill confidence during an incredibly grueling and demanding curriculum

Freelance/Independent Contractor
Various | May 2014 to Jan. 2020
- Learned effective time management balancing work with world travels
- Gleaned deep insights into universal factors of business success and sharpened decision-making skills from working in countless different industries
- Interacted and connected with clients and coworkers from a wide variety of backgrounds and cultures
- Managed a team of 7 mechanics in a high stress, fast-paced automotive shop

EDUCATIONAL TRAINING

Holberton School Tulsa
Full Stack Software Development

- Attended from Jan. 2020 to Sept. 2021
- First year: Foundations
  - Learned fundamentals of Computer Science concepts and DevOps
- Second year: Specializations
  - Learned Full Stack Web Development concepts

Oklahoma State University
Bachelor of Science in Management, Bachelor of Science in Marketing

- Attended from Aug. 2010 to May 2014
- Graduated Summa Cum Laude with 3.98 GPA
- Tutored about 20 classmates in various subjects all 4 years
- Developed general business knowledge to better understand the context of a development position