

Craig W. Barkley

Software developer

Full-stack software developer instructor; training students in the latest web technologies. With a Bachelor of Science in Management Information Systems and experience as a web designer and business consultant; I enjoy working with others on helping them overcome technological barriers.

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Technical Experience

Newboco | DeltaV Instructor 2020 - Present

- Full stack Javascript Instructor. Courses are each composed of learning coding concepts, professional development, and career development. Concepts include git, github, MVC, Responsive Design, SQL, Client-Side Routing and Single-Page Application Development, Services and APIs, Functional Programming, Relational Data, AJAX/JSON and asynchronous programming, APIs and middleware, Heroku & Deployment. As well as maintaining program administrative duties, planning, class set up, and student management. I instruct on HTML, CSS, JavaScript, Node, React, and other web development technologies, full-stack.

Software Developer Apprentice - Newboco 2018-2020

- Junior Software Developer role whose primary responsibility was to help design and develop applications for our customers. This Junior Software Developer role also served as a Teaching Assistant for DeltaV Code School 101-401 courses after successfully completing the 2018 courses. NewBoCo utilizes Agile Methodologies in software development. I worked closely with staff and customers in order to ensure we are delivering world-class software as well as the best possible learning experience in the market for students in our boot camp code school.

Kirkwood Community College - July 2017- Dec 2019

Learning Services - Tutoring Services

- Provided tutoring for students in technical subjects. While maintaining non-discriminatory practices in operations and services, I worked with a variety of campus and community resources and personnel to provide effective learning opportunities. Maintain preparedness to help all Kirkwood students gain knowledge to improve performance. Participate in the CRLA certified tutor training program, to enhance tutoring opportunities for professional development. Regularly undergo assessments of effectiveness of program services through faculty/staff and tutor/learner evaluations. Tutoring in Subjects: Java, Python, HTML, MySQL.

Technical Skills

Languages:

JavaScript
-jQuery
-React
CSS
-SASS/SCSS
-SMACCS
HTML
SQL
Php
C#

Tools:

Git
GitHub
Visual Studio Code
NodeJS
Jest
ExpressJS
MongoDB
BabelJS
Eslint
Heroku
Postman
Postgres

Operating systems:

Mac
Linux
Windows

Kirkwood Facilities - BAS Programmer | Nov 2017 – Sep 2018

- Software systems used while at this position include Bacnet, WorkPlace pro, Photoshop, Excel. Program controls for building automation HVAC and lightning. Help with various software programs including security cameras. Design and manage BACnet addressing scheme. Created an addressing schema for the community college BAS hardware devices, to address the disparate legacy HVAC systems.

EcoLips, Inc. - June 2012 - Feb 2017

- Information Systems Manager for the labeling, packaging and shipping departments. Determine critical path status of each department's activities. Fulfillment of product to customers globally. Including order management and processing, maximizing quality assurance, cost effectiveness and profitability. Knowledge of the postal system is essential. Negotiated strategic pricing with various carriers. Managed the Labeling Department activities: The process of transitioning unfinished inventory to the final product. Project Management: Analysis of multiple projects to drive process solutions; keeping project inefficiencies to a minimum. Sales Management: Back end sales management for all internet orders off the Eco Lips, Inc. website.

Education

Kirkwood Community College
Cedar Rapids, IA | 2019

- Associate in Applied Science for the Web Technologies and Software Development programs.

DeltaV Coding School
Cedar Rapids, IA | 2018

- Advanced Software Development in Full-Stack JavaScript

SIUC
Carbondale, IL. | 2003

- BS Management Information Systems