

Sam McKay

SOFTWARE ENGINEER

PROFILE

Collaborative and creative software engineer with a focus on full-stack web and software development. Recent graduate motivated to join a growth-oriented, inspiring team with a focus on continuous learning and mentorship. Dedicated to advancing quickly and making meaningful contributions.

EDUCATION

B.S. Computer Science 2019-2023*Colorado State University*

Dean's list • NSCS member • GPA 3.72

EXPERIENCE

Contract web software developer*Industrial Investments*

Denver, CO • 2023

- Exclusively led and executed the conception, design, and development of a multi-page service website that substantially increased email & phone customer inquiries, skyrocketed organic search presence, and contributed to 23% increase in profits in 2023
- Led end-to-end product development by collaborating with client to identify business needs and create and present a product proposal that clearly outlined benefits, expectations, scope, and deadlines
- Delivered product 3 weeks ahead of schedule with nice-to-have features such as Google My Business integration, SEO-minded location pages, and interactive UI animations
- Cultivated a lasting and ongoing business relationship with client as their go-to trusted resource for questions, maintenance, and hourly contract work

PROJECTS

"Gone Fishing"
Interactive GUI with companion Alexa skill

Python, Kivy, AWS Lambda,
Bitbucket, Inkscape, Git

2023 • [View on Github](#)

Interactive cross-platform application built with Python and Kivy. A Python-based backend system triggers UI changes dependent on parsed emails or Bitbucket requests. These Bitbucket requests are placed by an integrated Amazon Alexa skill which uses AWS Lambda to update Bitbucket and initiate the UI change.

"Bidder, Faster, Stronger"
Responsive NFT bidding platform

React.js, Solidity, Blockchain,
Web3, Agile, Ganache, Git

2023 • [View on Github](#)

Responsive NFT bidding platform built in React and utilizing states, props, hooks, and event handling. To handle bids of Ethereum it utilizes Web3 to interact with the user's MetaMask account. The website currently uses Ganache to manage the connection between a testing account and the website as well as make function calls to the smart contract written in Solidity.

SKILLS

JavaScript / TypeScript • React.js • Python • Java • C++ • PHP • AWS • SQL • Object-oriented programming (OOP) • Data structures/ algorithms • Web development (CSS, HTML, Databases, APIs, DNS management, responsive development) • Version control (git)