Michael Shaffer

Michaelshaffer45@gmail.com | 352-316-0757 | linkedin.com/in/michael-p-shaffer | github.com/ShafferMichael

EDUCATION

University of Florida, Computer & Information Science & Engineering

Bachelor of Science with a Major in Computer Science   Expected Graduation: May 2024

Artificial Intelligence Fundamentals and Applications Certification

GPA: 3.42 / 4.0

PROJECTS

EnhancedGPT – OpenAI Text Chatbot   Dec 2022 – Present

Artificial Intelligence   Gainesville, FL

- Built as a personal project to test all large language models from OpenAI's API
- Developed user interface with React.js and used normalize.css for clean components
- Used npm express and CORS with node.js for routing and cross-domain communication with API
- Plan to keep growing the bot's ability in aim of learning about machine learning and prompt engineering.

GatorChat – Social Networking Application   July 2022 – Aug 2022

Human-Computer Interaction   Gainesville, FL

- Lead a team of 4 to design a web app for international students to meet fellow students at the University
- Self-taught and developed with the React library, 50+ hours put in both React.js and React Native
- Configured backend with Firebase V9 and used GitLens on VScode to collaborate through GitHub
- Developed UI in CSS with simple functionality and created components with JSX
- Utilized effective communication and time managing techniques to prioritize tasks to deliver solutions

Pass4uBYu – Password Generator   March 2022 – April 2022

Data Structures and Algorithms   Gainesville, FL

- Collaborated with 2 colleagues to develop a program that compiles 9! passwords based on input from a user
- Delivered the strongest internally verified 100 passwords to user in real time using sorting algorithms
- Self-taught and developed with python for password strength validation and sorting algorithms
- Learned fundamentals of optimization and efficiency algorithm efficiency through the project's development
- Created and managed GitHub repository and taught basics of Git operations and IDE integration to the team

SKILLS

Languages: Python (primary), C++, JavaScript(secondary), Java, HTML & CSS, Bash, Swift

Operating Systems: macOS (main), Windows(proficient), Linux {Ubuntu} (familiar)

Frameworks/ Libraries: Node.js, Express, Angular, React/Native, TensorFlow, Flask

Other Tools: GitHub, Firebase, Virtual Machines with VMware/Fusion, Expo, Android Studio, XCode, Visual Studio
Code, Jet Brains IDEs

WORK EXPERIENCE

Firefly Resort Cottages   May 2019 – July 2020

Website Editor |Assistant Resort Manager   Cedar Key, FL

- Overhauled existing technical systems through the execution of system upgrade with WordPress
- Maintained excellent attendance record, consistently arriving to work on time
- Handled and resolved customer issues and complaints with professionalism and tact to drive customer satisfaction and repeat business