

GREY JOHNSON

1824 NW 3rd Pl
Gainesville, FL 33486
(561)-400-0449
greyjohnson@centrahex.com

CentraHex co-founder with a passion for software development and helping you to revolutionize your business. I aim to solve the tedious technical problems, so you can focus on giving value to your clients.

Professional Experience

CentraHex - Co-Founder

Manager and Software Engineer - Automation, Web Tools, Data Visualization

Gainesville, FL

Apr 2022 - Present

AVEVA - Full-time

Software Engineer Intern - Backend, C#, .NET, Azure, Service Fabric

San Leandro, CA

May 2021 - Aug 2021

- Developed a service to detect, repair, and report corruptions in data collected from millions of edge devices.
- Orchestrated Microsoft offerings such as Log Analytics, Logic Apps, Functions, VMs, and Teams into a system to increase the visibility of service errors and decrease the time until support resolution.

Perception, Attention, and Consciousness Lab - Part-time

Technical Researcher - Full Stack, Javascript, Matlab, Python

Gainesville, FL

Aug 2020 - Apr 2021

- Built infrastructure to support data collection across 7 behavioral experiments and ~180 participants.
- Trained and advised researchers in data processing and visualization.
- Researched potential applications of machine learning towards developing a model of predicting mental illness from fMRI scans.

University of Florida - Part-time

Head TA - Introduction to Software Engineering

Gainesville, FL

Aug 2020 - Apr 2021

- Organized and led 6 TAs in digitizing and standardizing course materials for distance learning.
- Lectured 50 students in software engineering principles and industry practices.
- Advised students on appropriate tools and processes for a semester-long team project.

OSISoft - Full-time

Software Engineer Intern - Backend, C#, .NET, Azure, Service Fabric

San Leandro, CA

June 2020 - Aug 2020

- Prototyped scalable and distributed JMeter test infrastructure to support the network loads necessary for large-scale performance tests.
- Expanded the team's alerting system to prevent redundant warnings, throttle repetition, and present reports in the form of a Stylized web page.
- Refactored codebase to improve design abstractions and increase unit test coverage.

Projects

Team Tech Competition 2020 - C++, React, Node, MongoDB

- Created employee wearable air and temperature sensors with accompanying web portal.

Cyber Gator Wiki - React, Nginx, Rust, GraphQL

- Developed Wiki-style web page cataloging information and opportunities in the UF Computer Science community.

Education

University of Florida

Bachelor of Science in Computer Science

Gainesville, FL

May 2022

Clubs: Open Source Club (Vice President), Society of Women Engineers (Team Tech Lead), Women in Computer Science (Technical Committee Head)

Relevant Courses: Operating Systems, Networking, Digital Logic, Data Structures and Algorithms

Skills

Experienced: Git, Linux, Windows, C#, Typescript, React, Node, Python, C++, Matlab, C

Familiar: Rust, Go, Java, UML