

JACK ARRINGTON

Software Engineer

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WORK EXPERIENCE

CHESAPEAKE TECHNOLOGY INTERNATIONAL (CTI)

Software Engineer | Mar 2020 - Apr 2023

- Built an Android app to share data over a private satellite network. Duties included hardware integration, optimizing data formats, writing a backend for data-forwarding, and creating UIs
- Work on above app led to multiple subsequent contracts with the customer
- Helped ship initial version of a fleet management and analytics dashboard, written in React
- As technical lead on a single-engineer project, led project to successful completion on time and on budget

BEE INFORMED PARTNERSHIP

Software Development Intern | Dec 2018 - Dec 2019

- Worked with a modern technology stack including: Python, Django, ES6, React/Redux, Webpack, Docker, PostgreSQL, Redis, Heroku, and CircleCI
- Promoted to lead developer of one of the organization's main mobile apps
- Created a data backup system to prevent in-field data loss

PROJECTS

DROPLET

Creator/Developer | Jan 2020 - Current

Minimalist writing application. First public version released January 2023. Built with ClojureScript, React, and ♥.

EDUCATION

APPALACHIAN STATE UNIVERSITY

BS, Computer Science | Aug 2017 - Dec 2019

Electives: Functional Programming in Haskell, Neural Networks

MITCHELL COMMUNITY COLLEGE

Associate's in Science | Aug 2015 - May 2017

Part of early college program, graduated concurrently with high school diploma

SKILLS

JavaScript

TypeScript

React.js

Next.js

Node.js

Web Development

Clojure

Functional Programming

Java

Kotlin

Android Development