

SUMMARY

Full Stack Developer knowledgeable in designing, developing, and debugging web applications. Experienced in Node, React, databases, and AWS. Supported the CNN Newsource service and the Cartoon Network website, writing services used by thousands of users per day. Accustomed to working in a close team and agile environment, including working directly with QA.

EDUCATION

GEORGIA STATE UNIVERSITY

May 2017 | Atlanta, GA

BS IN PHYSICS

COMP SCI CONCENTRATION

Cum. GPA: 3.47 / 4.0

LINKS

Github:// [ColCross](#)

LinkedIn:// [ColtenCross](#)

SECURITY CLEARANCE

DoD SECRET - INACTIVE

COURSEWORK

Software Engineering

Web Development

Data Structures

System-Level Programming

Math Models of Comp Sci

LANGUAGES

English - Fluent

German - Elementary

INTERESTS

React Native

ElectronJS

Physics

Travel

SKILLS

PROGRAMMING LANGUAGES

NodeJS • JS • HTML/CSS • Git • C#

FRAMEWORKS

ReactJS • Redux • Sagas • Serverless • RabbitMQ • ASP.NET

CLOUD SERVICES

AWS - Lambda, SNS, S3, Parameter Store

STORAGE

PostgreSQL • MongoDB • Elasticsearch • DynamoDB • Solr

WORK EXPERIENCE

CNN | ADVANCED SOFTWARE DEVELOPER

Jan 2018 – Present | Atlanta, GA

- Actively supporting the CNN Newsource service developing front end features in ReactJS with saga middleware, and back end infrastructure with NodeJS, MongoDB, and PostgreSQL.
- Implementing front end features in React for an embeddable video player for the Video Affiliate Network (VAN).
- Writing cloud native services through AWS Lambda and the Serverless framework for distributed data processing using Node, SNS, DynamoDB, and RabbitMQ.
- Designing features and requirements alongside technical and functional team members, including architecture and testing strategies.
- Working directly with QA to find and resolve defects in features.
- Employing full Agile methodologies through daily scrums, N+1's, grooming sessions, sprint retros, and Rally.
- Developed minor features using ASP.NET, C#, and Solr for the Resource application.

CARTOON NETWORK | WEB DEVELOPER INTERN

Aug 2017 – Dec 2017 | Atlanta, GA

- Utilized JavaScript and jQuery to convert Cartoon Network website login and registration functionality to a new internal system and API.
- Collaborated with designers to implement front-end redesign for registration, login and profile pages using HTML5/CSS3.
- Performed dev ops tasks such as updating misc pages, forms, and adding games.
- Used Git to maintain source control and merge code into staging and production environments.
- Employed full Agile methodologies through daily scrums and the JIRA ticketing system.
- Interacted with Cartoon Network Amazon S3 buckets to retrieve and store relevant files.