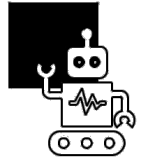


ALLAN E. SERNA

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY Atlanta, GA
Bachelor of Science in Computer Science
Major GPA: 3.6, Cumulative GPA: 3.4; Higher Honors

August 2015 – May 2020
Focus: People & Media (HCI)
SanDisk Scholar

WORK EXPERIENCE

SCHOLARS CORP. Memphis, TN

May 2020 – Current

React/Redux Web Developer Remote Contractor

- Utilized Firebase with data handling CSV parsers in JavaScript for our student-recruiting software that allows companies to upload, manage, and store talent through action creators in Redux
- Designed platform podcast page and career guidance resources in ReactJS using Material UI and Tailwind CSS
- Participated in weekly Scrum estimation meetings to plan projects and coordinate work assignments

NEW BALANCE St. Louis, MO

August 2019 – December 2019

Front-End Web Developer Intern

- Developed page banners, product headers, navigator tiles, and marketing emails using HTML, CSS, & JavaScript
- Optimized product page load times by up to 25% by compressing graphics and minifying CSS, ex. 2.86s to 2.16s
- Peer-reviewed other team members' code, checking for responsiveness and cleanliness of code implementation
- Scripted a web crawler with a Chrome Webdriver from Selenium that scans merchandise and detects price and stock changes through data handling and CSV file i/o with Python

DISPERSIVE NETWORKS, INC. Alpharetta, GA

May 2019 – August 2019

Full-Stack Web Developer Intern

- Built a CRUD web application with ReactJS and Redux that manages permissions for certain applications based on positions in a visual workflow tree, streamlining the onboarding process
- Implemented various tree updating algorithms like insertion, deletion, editing, and drag & drop
- Furthered the project by developing a dashboard that shared further info. and added search & sort functionality
- Utilized RESTful API's with GoLang and performance-tested them with Postman

RECENT PROJECT

PURPLEPUNDIT

Multi-Source News Website, Personal Project

- Built a React JS web application that separates the latest articles by their topic and political bias
- Developed additional NodeJS API layer that incorporated the NewsApi.org and added a political bias parameter
- Currently developing a React Native application based off the web application

TECHNICAL SKILLS

Programming Languages: JavaScript, HTML, CSS, Java, Python, GoLang, D3, C#, C

Frameworks & Libraries: React JS, React Native, Redux, NodeJS, Express, Unity, Selenium

Back-end Services: Firebase, MongoDB, Amazon Web Services (Lambda, API Gateway, DynamoDB)

Additional Skills: Git, Bilingual: English (Native), Spanish (Native), Adobe Photoshop; Xd