**ALLAN E. SERNA**

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**EDUCATION**

**GEORGIA INSTITUTE OF TECHNOLOGY** Atlanta, GA August 2015 – May 2020 **Bachelor of Science in Computer Science** Focus: People & Media (HCI)

Major GPA: 3.6, Cumulative GPA: 3.4; Higher Honors 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 ReactJSandRedux 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

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**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