**ALLAN E. SERNA**

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**EDUCATION**

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

Major GPA: 3.6; Higher Honors, SanDisk Scholar

**WORK EXPERIENCE**

**SCHOLARS CORP.** Remote Startup May 2020 – Current

*React/Redux Web Developer Contractor*

* Utilized Firebase and JavaScript for our recruiting software that allows companies to upload & store talent data
* Developed platform podcast page and career guidance resources in ReactJS using Material UI and Tailwind CSS

**NEW BALANCE** St. Louis, MO August 2019 – December 2019

*Front-End Web Developer Intern*

* Created page banners, product headers, navigator tiles, and marketing emails using HTML**,** CSS, & JavaScript
* Scripted a web crawler using Selenium that scans merchandise and detects price/stock changes with Python
* Optimized product page load times by up to 25% by compressing graphics and minifying CSS

**Dispersive Networks, iNC.** Alpharetta, GA May 2019 – August 2019

*Full-Stack Web Developer Intern*

* Built a CRUD application with ReactJSandRedux that manages permissions for applications based on positions in a visual workflow tree, improving the onboarding process from a couple of weeks to minutes
* Implemented various tree updating algorithms like insertion, deletion, editing, and drag & drop
* Incorporated a dashboard that shared further information and added search & sort functionality

**­**

**projects**

**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

**RING ALERT**

*Device Prototype, Team Project*

* Collaborated on a prototype that alerts contacts when found in danger using an Arduino
* Implemented CRUD manipulation of contact data and triggered messaging alerts using Twilio's API

**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, RESTful API's, Code Reviews, Bilingual: English (Native), Spanish (Native), Adobe CC