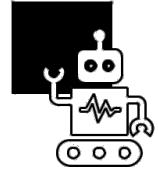


# ALLAN E. SERNA

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## EDUCATION

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**GEORGIA INSTITUTE OF TECHNOLOGY** Atlanta, GA

**Bachelor of Science in Computer Science**

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

Threads: People & Media (HCI)

August 2015 – May 2020

SanDisk Scholar

Minor: Sports, Society, and Technology

## RELEVANT WORK EXPERIENCE

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**NEW BALANCE** St. Louis, MO

August 2019 – December 2019

*Front-End Web Developer Intern*

- Revised graphics from the graphic design team using Adobe Photoshop
- Coded at least 3 web assets per hour using HTML, CSS, and JavaScript for the official New Balance website
- Coded the NB Basketball page for NBA star K. Leonard's iconic and NB's most popular shoes, the OMN1S
- Developed a script with Python and Selenium that scans New Balance's outlet store website and checks for price and stock changes amongst the sneakers and clothing; these could all be tracked and exported as a .csv

**DISPERSIVE NETWORKS, INC.** Alpharetta, GA

May 2019 – August 2019

*Full-Stack Web Developer Intern*

- Built a complex CRUD web application for a new software release with ReactJS and Redux. This application used an interactive visual workflow tree that engaged the company API and allowed users/groups/devices to obtain permissions, for certain applications, based on their positioning within the tree hierarchy
- Built and used REST API's with GoLang and performed management of the API's using Postman

## PROJECTS

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**PURPLEPUNDIT.APPSPOT.COM**

January 2019 – Current

*News Website Founder, Personal Endeavor*

- ReactJS Web application that separates the latest articles by their political bias using NewsApi.org
- Logo designer and color scheme selector, with Adobe Photoshop & Coolers.co
- Currently developing a React Native application based off of this web application

**ALERT APPLICATION (PWA)**

January 2020 – May 2020

*Device Prototype Team Project*

- Created a device prototype that alerts important contacts when found in danger
- Built with ReactJS framework, using Ant design components and Twilio API for messaging alerts
- Responsible of the front-end features of the web application, including CRUD manipulation of contact data

## TECHNICAL SKILLS

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**Programming Languages:** JavaScript, JSX, HTML, CSS, Java, Python, GoLang, D3, C#, XML, Processing, PHP, C

**Applications:** AWS, Adobe Ps; Xd, Postman, DynamoDB (NoSQL), Jira, Salesforce, Twilio, GarageBand, Final Cut Pro

**Frameworks, Libraries, and IDEs:** React JS, React Native, NodeJS, Redux, Unity, Selenium, Visual Studio Code

**Additional Skills:** Graphic Design, Visual Medias, Video Production, Audio Production, Customer Service Background, Bilingual (Spanish/English)



[linkedin.com/in/allan-serna](https://www.linkedin.com/in/allan-serna)



[github.com/emanuallan](https://github.com/emanuallan)