

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

Threads: People & Media (HCI)

August 2015 – May 2020

SanDisk Scholar

Minor: Sports, Society, and Technology

WORK EXPERIENCE

SCHOLARS Memphis, TN

May 2020 – Current

React/Redux Web Developer Remote Contractor

- Utilized Firestore with data handling CSV parsers in JavaScript (Papa Parse 5.0) for our student-recruiting software that allows companies to upload, manage, and store talent
- Designed platform podcast page and career guidance resources in ReactJS using Material UI and Tailwind

NEW BALANCE St. Louis, MO

August 2019 – December 2019

Front-End Web Developer Intern

- Coded page banners, product headers, navigator tiles, and marketing emails using HTML, CSS, & JavaScript
- Led development of product page for NB's most popular sneakers during one of its exclusive releases
- Scripted a web crawler that scans for price and stock changes amongst merchandise with a Chrome Webdriver from Selenium, and handled the data with Python
- Optimized product page load times by slicing and resizing graphics through Adobe Photoshop

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
- Incorporated the use of REST API's with GoLang and performed management of the API's using Postman

PROJECTS

ALERT APPLICATION (PWA)

January 2020 – May 2020

Device Prototype Team Project

- Collaborated on a device prototype that alerts primary contacts upon activation using an Arduino
- Responsible for front-end features, including CRUD manipulation of contact data and location services
- Developed with ReactJS framework, using Ant Design components and the Twilio API for messaging alerts

TECHNICAL SKILLS

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

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

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

Applications: GitLab, VS Code, Adobe Photoshop & XD, Postman, Jira, Salesforce, Twilio

Additional Skills: Graphic Design, video & Audio Production, IT & Customer Service Background, Trilingual: English (Native), Spanish (Native), French (Basic)



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github.com/emanuallan