

ALLAN E. SERNA

(615) 554 - 9168 | emanuallan@gmail.com | aeserna.com | linkedin.com/in/allan-serna | github.com/emanuallan

EDUCATION

Georgia Institute of Technology | Atlanta, GA

M.S. in Computer Science | GPA: 3.7, Highest Honors | Computing Systems Aug 2021 - Present

B.S. in Computer Science | GPA: 3.4, High Honors | Human Computer Interaction (HCI) Aug 2015 - May 2020

PROFESSIONAL EXPERIENCE

Software Engineer Nov 2021 - Oct 2023

Gigantik (Formerly GigLabs) | Atlanta, GA

- Tech stack: Styled Components, React, Redux for the FE and Node/Express + MySQL DB for the BE
- Led FE feature development of company's web3 solutions, deploying over 20 core features and becoming the #1 contributor in all front-end code repositories in the process
- Built a performant content management system and marketplace capable of handling over 10,000 concurrent users
- Mentored a team of 4 junior developers through sessions of pair programming and peer discussions about React & JS

Software Engineer II June 2021 - Nov 2021

Cisco | San Jose, CA

- Tech stack: React, Vanilla Javascript, Java
- Maintained 3 open-source SDK projects for Webex resulting in a 27% decrease in resolve time for reported issues
- Achieved 100% infosec compliance by fixing all potential threats (CVEs) and flagging license misuses via Blackduck

Front-End Development Engineer II Nov 2020 - June 2021

The Michaels Companies, Inc. | Irving, TX

- Tech stack: Chakra, Styled Components, React, and Redux, Figma
- Designed the UI architecture of the new customer care portal and product dispute process with mockups and user flows
- Active weekly presenter at company-wide demos, shared progress updates, design work, and development work

Freelance Full-Stack Web Application Developer May 2020 - Nov 2020

Remote | Nashville, TN

- Tech stack: Tailwind, Bootstrap, Chakra, React, and Redux for the FE. Node/Express + Firebase & MongoDB for the BE
- Secured web development contracts with 2 start-ups and 3 small businesses generating over \$45,000 in revenue
- Successfully deployed over 15 full-stack features and 3 customer websites resulting in 100% client satisfaction

INTERNSHIPS

Front-End Web Developer Intern | New Balance Aug 2019 - Dec 2019

- Developed emails and web content in HTML/CSS with page load optimization in mind; Selenium web crawlers

Software Developer Intern | Dispersive Networks May 2019 - Aug 2019

- Built a web application, leveraging tree algorithms and CRUD, for company operations; Swagger and Postman tests

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Java, Python, SQL

Frameworks: ReactJS, React Native, Redux, Saga, Next.js, NodeJS, Express, Mongoose

Design Libraries: Material UI, TailwindCSS, Styled Components, Chakra UI, React Bootstrap, Ant Design

Back-end Services: Firebase, MySQL, MongoDB, AWS (Lambda, API Gateway, DynamoDB, Cognito)