

John Robinson

Software Engineer

jrobinson041@gmail.com | (631) 988 - 3397 | john-robinson.com



Experience

Sr. Front-End Software Engineer

Jun. 2022 - Present

Canoo - Torrance, CA

- Utilizing React and NextJS to engineer vehicle-connected web applications while managing complex continuous data streams through both AWS and Google Cloud backend stacks
- Engineered and successfully delivered to the public an immersive 3D virtual showroom; a world for customers to explore our offerings. Leveraged WebGL, ThreeJS, and React
- Designed and built an Augmented Reality experience, then led its demo at the Google Next 2023 conference. Virtual Reality goggles with passthrough allowed users to explore and sit in a real Canoo vehicle, with virtual overlays and CTAs to learn more about the vehicle
- Technical Lead on a proof-of-concept Progressive Web App. Successfully delivered a mobile app to the US Military to assist in testing our physical products. Continuously integrating feature requests after mobile app exceeded expectations

Full-Stack Software Engineer

Feb. 2019 - Jun. 2022

P.C. Richard & Son - Farmingdale, NY

- Learned React and backend language RPG, then engineered our first full-stack React application within one month of employment
- Conceptualized, designed, and led a full-stack React framework/portal revolutionizing how internal business is done. Implemented continuous delivery using Git and Jenkins, bringing our React app life cycle down from months to days
- Developed our business-critical secure mobile payment system during COVID-19, allowing our company to remain operational, rehire thousands of furloughed sales personnel within days, and generate additional revenue of \$65 million from March through July 2020

Full-Stack Web Developer

Sep. 2017 - Jan. 2019

SUNY Geneseo - Geneseo, NY

- Independently designed, engineered, and deployed a PHP web app course management system for admin and students
- Architected a new database and migrated data from old schema using SQL

Education

State University of New York at Geneseo

Graduated Magna Cum Laude, May 2018

B.A. in Physics, B.A. in Mathematics

GPA: 3.76 | 3.97 Mathematics | 3.73 Physics

ΣΠΣ Honor Society, Dean's List, Physics Club President

Skills

