John Robinson

Software Engineer | Technology Strategist

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Experience

Senior Software Engineer, Tech Lead
Jun. 2022 - Present

Canoo - Torrance, CA

- Engineered cloud-based Generative AI vehicle-connected web applications for clients such as Walmart and USPS, extending our physical product offering with a subscription software (SaaS) model.
- Architected and delivered an immersive 3D virtual showroom; a highly effective marketing tool for customers to explore our offerings, enhancing customer engagement and product visibility.
- Served as Technical Lead on a mobile app successfully delivered to the US Military which facilitated the trial of our product, expanding interest and adaptation into a new market.

Full-Stack Software Engineer
Feb. 2019 - Jun. 2022

P.C. Richard & Son - Farmingdale, NY

- Developed our business-critical secure mobile payment system during COVID-19, enabling rapid company recovery; rehired >1000 furloughed sales personnel within days, and generated additional revenue of $65 million from March through July 2020.
- Created a software framework to build suites of custom internal tools, revolutionizing how internal business is done.
- Organized interdepartmental meetings to identify inefficiencies; Identified a wholesale quoting inefficiency in the use of bloated spreadsheets, then built custom intelligent quoting software reducing this process from weeks to hours.

President
Apr. 2019 - Jun. 2022

Long Island Systems User Group - Westbury, NY

- Led a 13-person board, hosting industry speakers on IBM topics, networking and sharing throughout the community.
- Delivered technical and non-technical presentations to audiences of 30-50.

Founder, Chief Technology Officer
Sep. 2017 - May. 2019

ArkAngel - Rochester, NY

- Founded a startup through SUNY Geneseo's VentureWorks program aimed at providing a hazardous material management system.
- Implemented lean startup principles with a focus on exploring customer segments and building around a pain point.
- Regional finalist for the New York Business Plan Competition in 2018, then secured a grant through the National Science Foundation.

Education

B.A. Physics, B.A. Mathematics

State University of New York at Geneseo

Graduated Magna Cum Laude
GPA: 3.76 | 3.97 Mathematics | 3.73 Physics
VentureWorks Entrepreneurship Program: Top of Class
ΣΠΣ Honor Society, Dean's List, Physics Club President

Skills

- Product and Engineering Management
- Generative AI
- Search Engine Optimization
- Cloud Technology Implementation
- Website Analytics
- Lean Startup Principles
- Digital Marketing Experiences