Courtney E. Scott

Developer with a diverse engineering background motivated to build tomorrows blockchain/ web applications. Currently I have experience developing applications with JavaScript, Solidity, React/ Redux, Truffle, Node, Express, Firebase, Postgres (SQL), as well as other technologies.

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WORK EXPERIENCE

Web Developer
Althea Mesh ⌤

06/2017 – Present

- Deployed an application that displays the location of volunteers who submitted their information to the companies website. Used Firebase to host the server and store data. ⌤
- Developed a dashboard UI that would allow users to configure the settings of their wireless router using React. The application connected directly to the servers uHTTPd server.
- Designed the workflow responsible for allowing users to transfer cryptocurrency between their wallet and the router connected to the Althea Mesh Network.
- Automated testing of payment channel smart contracts used to open channels and settle debts between parties.
- Formed a solid fundamental understanding of blockchain/ web technologies, smart contracts, decentralized/ distributed systems and crypto-economic primitives.

Systems Engineer
Telephonics

08/2015 – 02/2018   *Farmingdale, NY*

- Developed domain expertise in Identification Friend or Foe systems while supporting a variety of engineering disciplines throughout requirements definition, design, integration, and testing phases of various projects.
- Utilized a wide range of commercial test equipment/ software applications for integration, data analysis, testing, and troubleshooting efforts for products designed and developed in house.
- Produced/ implemented design verification and acceptance test procedures based on customer requirements using Rational DOORS for various projects.
- Provided customer support during radar site integration and training pre-delivery for test assets used during Intermediate-Level testing.
- Gained familiarity with systems engineering principles, defense industry standards and theories/ concepts involved in RF communications applications.

EDUCATION

Full Stack Web Development Immersive
DevMountain

03/2018 – 06/2018

Bachelor of Science in Mechanical Engineering
University at Buffalo

08/2012 – 04/2015   *GPA - 3.041*

SKILLS

Adaptability   Data Analysis

Design Verification   Integration and Testing

Problem Solving   Software Development

System Design   Troubleshooting

CERTIFICATES

Principles of Modern Radar (11/2015)
Georgia Institute of Technology

ORGANIZATIONS

Institute of Electronics and Electrical Engineers
Member

Telephonics Golf League
Member

INTERESTS

Automation   Blockchain   Cycling

Distributed Systems   Hiking

IoT Devices   Networking

Resource Sharing   Sustainability