Colin Barnes
Full-Stack Developer

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Skills

JavaScript | React | Redux | Node | Express | CSS | SASS | HTML | Python | Git | Golang

DynamoDB | Knex | PostgresSQL | SQLite3 | AWS | LESS | Cypress | Jest | Solidity | Truffle Suite

Projects

Schematic Capture - Full-Stack Developer ☐   May 2020 – Jun 2020
Schematic Capture is a web and iOS application that allows machine technicians and their managers to seamlessly plan and complete repairs
React | Redux | Cypress | Dropbox API | Node | Express | Knex | PostgreSQL | Heroku | AWS
Front-End GitHub Repo ☐ | Back-End GitHub Repo ☐
- Delivered a product which reduced time spent on essential activities by 50+ percent
- Directed a small team on technical architecture and managed the agile development process
- Collaborated with a professional stakeholder to ensure a team consensus on product vision

Spartan Blockchain Solutions - Project Manager ☐   Aug 2019 – Dec 2019
Spartan Blockchain Solutions is a student-run, non-profit blockchain advisory and advocacy firm
JavaScript | jQuery | Solidity | Truffle Suite | IPFS | HTML | CSS
- Managed two teams of students to formulate and develop experimental blockchain systems
- Advised amateur developers on professional organizational and development practices
- Utilized cutting-edge blockchain technologies to develop novel systems

Afterbang Software LLC - President & Founder ☐   May 2018 – present
Afterbang Software creates and maintains software for users around the globe
JavaScript | jQuery | Python | Matplotlib | Twitter API | US Treasury API | CryptoCompare API
- Developed a cryptocurrency price tracking chrome extension used in over 30 countries ☐
- Consulted with developers at CryptoCompare to ensure proper use of the streaming API
- Created a bot to tweet the 10 year-2 year treasury bond spread at market close on weekdays ☐

Professional Experience

Student Info Tech Assistant 1   May 2019 – Dec 2019
Michigan State University Infrastructure Planning and Facilities ☐   East Lansing, Michigan
- Analyzed, diagnosed, and resolved unique and complex issues with computer systems
- Planned work with clients on a completely self-directed schedule

Education

Full-Stack Web Development & Computer Science   Jan 2020 – Sep 2020
Lambda School ☐   Remote
- Lambda School is a 9+ month computer science & software engineering program that provides an immersive hands-on curriculum with a focus on computer science, and full-stack web development.

Economics   Aug 2016 – Dec 2019
Michigan State University   East Lansing, Michigan
- Completed 90 credits towards economics major and entrepreneurship & innovation and international development minors
- Voluntarily withdrew in order to pursue a more fulfilling career path