Jonathan Johnston

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Software Developer | Blockchain Enthusiast
Solidity | JavaScript | Ethereum Smart Contracts

Results-driven software developer with a strong passion for blockchain and artificial intelligence, seeking a remote programming position in the blockchain industry. Committed to contributing to the decentralization movement and promoting open, innovative software solutions. Eager to leverage my skills in Solidity, and JavaScript, for Ethereum smart contracts to collaborate on groundbreaking projects and drive meaningful change.

Relevant Skills:

- **Programming Languages**: Solidity, JavaScript, HTML, CSS, Python, C/C++/C#, x86 Assembly, Visual Basic
- **Blockchain Development**: Smart contract development, developed a voting app with web-based front-end development for decentralized applications
- **Visual Basic**: Developed programs for virtual insect trait evaluation, "breakout" style game, and alarm clock with visual component for work machines
- **Visual C++**: Created a beehive swarming screensaver using DirectX

Additional Skills:

- Computer Productivity: MS Office (Word, PowerPoint, Excel), OpenOffice/LibreOffice
- Computer Repair: Hardware and software troubleshooting, malware and virus removal, data recovery
- OS Installs: MS Windows '98/XP/Vista, Linux (Ubuntu/Mint/RedHat), custom ROMs, and modifications on rooted Android devices
- Custom Computer Builds: Building and configuring desktop and media PCs with cost and performance evaluation
- Electronics: Digital and analog electronics, stepper motor controller, counter and adder design, Allen-Bradley PLC programming
- Personal Projects: AI, genetic algorithms, image generation, game design. Projects include AI Harvard debater (Python API), self-prompter, and experiments with AI-mediated self-modifying code. Experiments in home battery construction.

Education and Qualifications:

- **Crypto for Beginners** – Moralis Academy
- **The Bitcoin Standard Course** – Moralis Academy
- **Blockchain & Bitcoin 101** – Moralis Academy
- **Ethereum 101** – Moralis Academy
- **Javascript Programming for Blockchain Developers** – Moralis Academy
- **Ethereum Smart Contract Programming 101** – Moralis Academy
- Portland Community College – Portland, OR (2010-2012)
  Electronics and Engineering: Renewable Energy ‥ 1 Year Certification
  Electronics, Engineering and Technology – 1 Year Certification
- OSHA 10-hr Construction Safety and Health card
- Attended 9 terms at Portland Community College. I have 124 credits with a GPA of 3.34.

Relevant Employment:

Sheffield Solar Group, MA – **Solar Install Technician** (2012-2013)
Working with Sheffield Solar taught me advanced safety and leadership. We worked with high voltage direct current on multi-storied high pitch roofs. We mounted the hardware, connected the solar panels and tested the circuit, coordinated with licensed electricians in hooking up the inverters to ensure optimal aesthetics for the homeowner, that conform to building code standards. We taught all our team members leadership and safety.

Web Game/Entertainment Venture, WA – **Co-Founder/Programmer** (2006-2008)
Worked on the development of a web based distributed game-play exploratory environment. I experimented with simplifying an environment of 2D content creation image based scripting for end users. We worked on a payment intermediary concept and a single inbox from multiple email accounts concept before parting ways and scraping the startup.

Other Employment:

- Sinclair Trucking, WY – Fuel Transport & VAC truck driver (2014-2023)
- Coca-Cola Bottling Co, WY – Delivery Driver (2013-2014)