Alex Sherbuck

Austin TX   https://www.linkedin.com/in/alexsherbuck

PROFILE

Alex Sherbuck is a highly experienced Senior Developer with a demonstrated history of working in the financial services industry. Skilled in Javascript, Nodejs, and Cryptocurrency, Alex is a strong engineering professional focused on Information Systems Analysis, Design, and Implementation.

CORE COMPETENCIES

Nodejs	JavaScript	SQL/MySQL	Ethereum	Git	Unix	Web3
API	React.js	Mongo	Solidity	HTML5	Smart Contracts	Python

GitHub   https://github.com/tenthirtyone
Medium   https://medium.com/@alexsherbuck

WORK EXPERIENCE

ConsenSys, New York City, NY   **Senior Blockchain Developer**   **Dec 2021 - Jan 2023**
- Contributor to Ganache & Truffle, a suite of blockchain developer tools used to test and deploy smart contracts to Ethereum-compatible blockchains.
- Contributed the EIP1559 RPC API feeHistory endpoint, Cloudware Worker API and client for semantic version checking against npm (version check), had begun support for genesis.json configuration, as well as supported build, installation, and production bugs.
- Contributed to Truffle Dashboard and Truffle DB.

UNICEF, New York City, NY   **Full Stack Web & Solidity Developer**   **2018 – Dec 2021**
- Primary developer on a public-facing website to track and coordinate and facilitate the United Nations CryptoFund, a collaboration on blockchain products and projects within the UN.
- Led full-stack development from requirements-gathering through to production launch for three internal United Nations products, used by the UN Department of Finance to track investments.
- Mentored Blockchain Cohort, Leading as primary point of contact for the UN Office of Innovation for the blockchain portfolio companies in the UN Ventures Fund.
- Placed in startups that belong to the UNICEF Blockchain cohort and build what they need.
- Facilitated monthly meetings, connected cohort developers with UN network contacts, created and managed the company onboarding program.

Airbus, Sunnyvale, CA   **Full Stack, Solidity Developer and Project Executive**   **2018 – 2019**
- Provided leadership to a four-member team (2 developers, 2 product FTEs) in an Ethereum Non-Fungible Token (NFT) project.

Bitpay, Alpharetta, GA   **Full Stack Web Developer**   **2017 – 2018**
- Adapted an open-source project to Bitpay Platform infrastructure.
- Wrote an open-source Python library that could quickly and effectively read out the validated blockchain data into a SQL or No-SQL enterprise-scale database, reducing delay to near immediate response times.
- Contributed to Bitpay's open-source offering.
- One of four software developers that attempted to scale Bitcoin's block size using Segwit2x before it was subverted by a corporate takeover.
- Interacted directly with customers through the customer support portal.

Branding Brand, Pittsburgh, PA   **Full Stack Web Developer**   **2016 – 2017**
- Lead web developer for Ace Hardware and Northern Tool properties.
- Help coordinate and facilitate weekly sprint planning, daily code reviews and interface directly with customers and product owners to drive technical requirements from business and stakeholder interviews.

- Contributed code to multiple AAA mobile properties including Universal Studios Hollywood, Dick's Sporting Goods, Levi's Jeans, Beauty Brands (Lane Bryant, Woman Within), Blue Mercury, and Rue21.
- Participated in sanctioned, coordinated, security reviews and attacks against Branding Brand infrastructure, code, and process.
- Discovered several legacy systems with insecure phpinfo() function invocations that could reveal all system security credentials.

UPMC, Pittsburgh, PA　　　　　**Multiple Positions**　　　　　**2012 – 2016**
- Responsible for the infrastructure needs of 70+ IBM AIX and RedHat Linux hospital systems.
- Led an initiative to pilot and deploy Splunk for Syslog monitoring, giving valuable insight into unstructured system log data that identify security threats, and intrusions in a responsive manner.
- Front End Developer, overseeing the patient charts section of the MyUPMC patient portal that saw over 300,000 patients each month and displayed confidential medical testing information to the user.
- Tabbed for Management Fast Track Rotation; worked in four different positions for six months each and paired with executive mentors for the duration.

PROJECTS & OPEN SOURCE

CrafterVerse Winner Best NFT implementation.	2022
MetaAuth MetaMask signature-based login	2018
Chain Explorer Lite. Light-weight block explorer	2021
Credible Wallet Meta-Transaction example for NFT wallets	2019
Heritage Smart Contracts, ERC-721 (NFT) contracts and payment processing	2018
Blocktools Bitcoin Block Parser (Berkeley DB)	2014

EDUCATION & CREDENTIALS
Bachelor of Science in Information Science, University of Pittsburgh, Pittsburgh, PA
United States Marine Corps, Reservist Military Police Officer, Honorable Discharge (2006 – 2009)

Certifications
B9 LABS ETH-18: Certified Online Ethereum Developer Course　　　Feb 2018
Linux Foundation: Blockchain for Business - Hyperledger　　　Nov 2017