ADEEB AHMED

Minneapolis, MN   adeeb@adeebahmed.com   http://adeebahmed.com

EDUCATION
Illinois Institute of Technology: Undergrad, Chicago IL   08/2013 – 05/2017
- Bachelors of Science in Computer Systems | Minor in Internet Application Development

WORK EXPERIENCE
Target: Senior Software Engineer – Blockchain Engineering, Minneapolis MN   03/2019 – Present
- **Responsible for leading open source Blockchain development, contributions, and roadmap to production**
  - Actively engage with our external partners, internal leadership, and the engineering community
  - Open-sourced ConsenSource, a certificate registry Blockchain application built w Hyperledger Sawtooth
  - Contributing to Hyperledger Grid, smart contract middle-ware for supply-chain Blockchain use cases
  - Developed Blockchain strategy for educating business and technology partners at an enterprise scale
  - Lead design discussions, decisions, and hiring the right people to build the best team for the job

Target: Software Engineer – Emerging Tech, Minneapolis MN   08/2018 – 03/2019
- **Responsible for leading the development of our Blockchain POC and roadmap to open source**
  - Introduced package vulnerability checks & scans in Drone CI for a production streamline tool
  - Developed smart contracts, cli, and client for creating and signing transactions on **Hyperledger Sawtooth**
  - Wrote REST API for querying data from the reporting database. Map blockchain data to internal systems
  - Participate in panel discussions around Blockchain, educating the greater Target community on the subject

Target: Data Engineer, Minneapolis MN   07/2017 – 08/2018
- **Responsible deployment, testing, and implementation of multiple big data management tools/platforms**
  - Development of a production grade SLURM cluster – Data scientist can use to train their models on GPUs
  - Benchmarked I/O and network stats of Apache Druid on rack/blade clusters. **~$1M**+ hardware purchased
  - Wrote webform app to ingest user requests. Developed using **Python** Flask, Jira, and LDAP integration
  - Refactored parts of our CD pipeline to optimize releases. Automate deployment via with Ruby/Chef.
  - Developed real-time dashboard metrics of resources being used in our 1000 node+ Hadoop cluster

RESEARCH AND PROJECTS
Personal projects: My own interests, Minneapolis MN   8 /2017 – Present
- **Exploration of technologies, applications, and increasing general knowledge**
  - Designed, financed, and built Ethereum transaction processing nodes
  - VR/AR exploration – Created maze game, and a virtual room to hangout w/ friends
  - Twitch chatbot IoT controls, implemented chatbot commands to control IRL objects.

TEACHING EXPERIENCE
Target Tech Talks/Workshops, Speaker/Presenter, Minneapolis MN   10/2017 – Present
- Presented about cryptocurrencies, cryptoassets, mining, and differences between coins & tokens
- Led a "Deploying a Smart Contract to the Ethereum Blockchain" at an internal conference

TECHNICAL SKILLS
- Rust, Python, Ruby, Java, HTML, CSS, JS, C++, C
- Mac, Windows, Linux, REST, RPC, ORM, and more
- SQL, Docker, CentOS, RHEL, Debian, Drone, Chef
- RDBMS, Distributed systems, Distributed ledgers

LEADERSHIP & RECOGNITION
- Contributions to open source – ConsenSource, Grid
- Presentation of work at internal/external conferences
- Featured in Forbes, CoinDesk, LedgerInsights, etc.
- Security Ninja