

Phillip Goldberg

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EDUCATION

VANDERBILT UNIVERSITY

BS IN COMPUTER SCIENCE
May 2018 | Nashville TN
College of Engineering

LINKS

Github:// [djphillyg](#)
LinkedIn:// [phillip-goldberg967](#)
Twitter:// [@djphillyg](#)

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

Node.js/Typescript • Go
Python • C++

DATABASES

PostgreSQL • Redis
Elasticsearch

FRAMEWORKS

React • Redux • Sequelize
Objection.js • Express • Knex.js

TOOLS

AWS • Docker • Kafka • Git
Datadog • Figma

OPEN SOURCE

CONTRIBUTIONS

- Smart Contract Best Practices
- Ethereum/EIPs
- dYdX Liquidator
- Solo

EXPERIENCE

DYDX | LEAD SOFTWARE ENGINEER

October 2019 – now | San Francisco, CA

- Build and maintain a custom ordering index for storing on-chain events in PostgreSQL, providing a 300% speed up in queries
- Implement a standalone database client using Objection.js to simplify data stores across the microservice architecture
- Ship key features in React for the redesign of the exchange working with Product & Design

SOFTWARE ENGINEER

June 2018 – October 2019

- Design and scale data store service on Node/Postgresql/AWS stack
- Create and maintain metrics on Metabase and DataDog to provide insight for stakeholders, analyzing over 3B\$ in cumulative trading volume
- Support market makers in building a comprehensive trading API

CONSENSYS | DILIGENCE SMART CONTRACT SECURITY INTERN

January 2018 – May 2018 | Brooklyn, NY

- Adding documentation on different vulnerabilities in Solidity to provide community standards to smart contract developers in open source repositories
- Helping design an EIP for Smart Contract Security Standardization

HEWLETT PACKARD | CLOUD COMPUTING INTERN

May 2017 – August 2017 | Houston, TX

- Worked with Global Solutions Engineering team to automate OS provisioning on clusters.
- Built automated orchestration tool for customized Hadoop stack w/Ambari integration on Cluster Management Utility

L7 DEFENSE | CYBERSECURITY ENGINEERING INTERN

May 2016 – August 2016 | Be'er Sheva, Israel

- Built Applications in C++ to organize customer log data
- Created automated plot creation program in PHP to spin up visual risk logs

PROJECTS

MARGIN TROLL EVENT BASED TWITTER BOT FOR TRADES ON

DYDX PLATFORM

EthSF 2018

Using TheGraph's smart contract query platform, I built a twitter bot ([github](#)) that tweeted out different events occurring on the platform when those transactions became confirmed. Won prize for best TheGraph hack