**Allan Zheng**

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A solidity developer located in Boston, MA with knowledge of deployment and testing of Solidity-based smart contracts. Looking to contribute and further hone my development skills.

**Languages:**

-Solidity

-JavaScript

-Python

-C#

-HTML

-CSS

**Database** **Hosting**:

-AWS Lambda

-Google Firebase

**Libraries:**

-Web3

-JQuery

-React

-Redux

**Frameworks:**

-Truffle

-Angular

-Vue

-React Native

-Django

**Other:**

-Git

-Test-driven

development

-behavior-driven development

-OOP

**Database:**

-Postman API Testing

-SQL/PostgreSQL

-NoSQL

-MongoDB

**Projects (Please See Portfolio for More Examples):**

**Kickstarter V2.0:**

Deployed a factory-based Solidity smart contract on the Remix.Ethereum IDE. The contract specifies functions that allow users to donate to campaigns, approve requests created by managers, and transfer funds to a recipient if the approval count is more than half of the number of approvers.

**Lottery Contract:**

Designed a Solidity contract that contained functions to randomly choose a player from a player array and transfer cryptocurrency from a pool if this player is designated the winner.

**Inbox Contract:**

Created a smart contract that allows users to set a message in a public function. This was my introductory project that taught me about deployment on the rinkby test network as well as how to make use of the web3 library in the context of converting from the compiled contract to a JSON object that the front-end can interact with.

**Education:**

**Ethereum and Solidity: The Complete Developer Guide, Udemy, July 2021-Present**

**Full-Stack Web Development Bootcamp, CareerFoundry, Mar 2020-Sep 2020**

**Bachelors of Arts in Biological Sciences, Northwestern University, Sep 2009-Jun 2013**

**Work Experience:**

**Application Support Engineer, Proteck, Inc. June 2021-Present**

* Resolve JIRA tickets through customized implementation of SQL queries
* Research and troubleshoot code-related issues with team of developers
* Categorize JIRA tickets according to team of concern: IT Dev Team, IT Rapid Response Team, IT Support Team

**Software Implementation Specialist Intern, Smonik Systems, LLC Mar 2021-May 2021**

* Automate data extraction process for private equity clients through use of Smonik’s software solutions
* Produce customized code as per the requirement of the client’s financial statements
* Process K-1 documents for clients using Smonik’s proprietary software platform, resulting in expedited delivery of K-1 data to clients

**Technical Support Engineer, Mainvest, Inc. Sep 2020-Feb 2021**

* Provided front-end (Vue) and back-end (Python) technical support to customers and sales team to ensure a smooth user experience
* Ran SQL queries to drive business growth and provide actionable insights for management team
* Created JQuery-based web scrapers to generate business prospects that sales team could use for lead conversion

**Various Accounting Roles in the Greater Boston Area (TJX, Fuze, Urban Property Management, State Street, Bulfinch) May 2015-Mar 2020**

**TEFL-Certified English Teacher, New Power English Jun 2013-May 2015**

* Taught English to oil executives and students looking to pursue overseas education