

VINEET VELAGANDULA

609 East Ann Street
Ann Arbor, MI 48104
velagand@umich.edu - (518)-894-8463
www.velagand.xyz

EXPERIENCE

Desai Accelerator, May 2017 - present
Software Engineering Intern

Ann Arbor, MI

- Developed a progressive web app for Gwydion Inc. utilizing React, Redux, Firebase (hosting, NoSQL database, authentication, storage buckets), and Node/Express for a RESTful API middleware
- Constructed a system architecture for a shared network of nodes and implemented manual signing of raw transactions for a blockchain (MultiChain) backend

EDUCATION

University of Michigan - Ann Arbor

Ann Arbor, MI

Bachelor of Science in Computer Science, December 2017
Major GPA: 3.5/4.0 Overall GPA: 3.3/4.0

Shanghai Jiao Tong University, May – August 2016

Shanghai, China

GPA: 3.8/4.0

- Participated in the Microsoft Beauty of Programming competition, in which teams were tasked with creating an algorithm to detect suspicious Bitcoin activity given an API with JSON data
- Volunteered to teach elementary school children of migrant workers primary English language skills

PROJECTS

StockRabbit, July 2017 – present

- Designed and implemented a web application which allows users to search for a company, view relevant news events pertaining to the company, and gain insights about the impact of the event based on price changes during the run-up and response to the event

PrepNet BioRedemption, September 2016 – present

- Prototyped a 3D biology WebGL video game and web application using Unity, Django, MySQL, and React to test high school students' understanding of molecular and cellular biology while allowing teachers to monitor and interact with students' progress through a web interface

Microsoft Beauty of Programming, June 2016

- Developed an algorithm to detect suspicious transactions, including looping transactions within certain parties, high transaction frequencies, and high cash flow volumes in short periods of time
- Applied Python to ping a RESTful API to fetch and parse JSON data, concurrently with C++ to input the data into vectors, queues, and hash tables for use in our algorithm

LEADERSHIP

Beat Producers of Michigan (BPM), September 2015 – present

Vice-President

- Hosted collaboration sessions and tutorial lessons of various difficulty levels for music production using digital audio workstations, and organized events with the Audio Engineering Society (AES)
- Provided resources such as access to the University of Michigan's Music Technology Lab along with necessary software and MIDI equipment, to practice sound engineering and production

Michigan Knitting (MKnit), September 2015 – present

Treasurer

- Created organization's fundraising strategy, and raised money through events and fundraisers

Michigan Investment Capitalists (MIC), September – December 2014

Authorized Signer

- Managed adoption of cryptocurrencies as an investment opportunity, educated members about blockchains and cryptocurrencies, and spread knowledge of financial investment strategies

RELEVANT COURSES

EECS 370 - Introduction to Computer Organization

EECS 376 - Foundations of Computer Science

EECS 398 - Essentials for Computer Scientists

EECS 388 - Intro to Computer Security

EECS 485 - Web Database and Information Systems

EECS 498 - Multidisciplinary Software Development

SKILLS

Languages: Experience with C, C#, C++, Python, Javascript/ES6, HTML, CSS, SASS, SQL, Bash

Software: Windows, Mac, Linux, iOS, Android, RESTful APIs, Git, Heroku, Firebase, GAE, AWS

ACTIVITIES & INTERESTS

Front and Back-End Development, Blockchains

Electronic Music Production (Ableton Live, Logic Pro), DJing, Ping Pong, Cooking