

JONATHAN XU

Education

University of Illinois at Urbana-Champaign Aug 2015 - May 2019

B.S. Computer Engineering (2019), GPA: 3.98

Engineering Dean's List (All Semesters), James Scholar

Relevant Courses:

CS 225 - Data Structures	CS 473 - Algorithms II
CS 374 - Algorithms	ECE 391 - Computer Systems Engineering
CS 421 - Compilers	ECE 438 - Communication Networks

Experience

Software Engineering Intern, Facebook May 2018 - Aug 2018

- Working on FB Live under the Video Infrastructure Org

Software Engineering Intern, Syngenta Aug 2017 - May 2018

- Worked with a team of designers and backend engineers to write React applications for internal agricultural tools

Software Engineering Intern, MongoDB May 2017 - Aug 2017

- SWE Intern on the Cloud Backup team
- Worked on various front end, back end, and agent features for backing up MongoDB Atlas/Cloud Manager instances
- Helped design and implement an alternative way to store MongoDB Oplogs through AWS S3

Projects

Grapevine Mar 2016 - Feb 2017

- Grapevine is a social event finding iOS and Android app where users can post hosted events or find ones happening near by
- Worked on a RESTful API backend architecture to manage app data
- Built using Node.js, Express, Chai, and Socket.IO with a MySQL database
- Hosted on AWS using Elastic Beanstalk, S3 for image/video uploads, and RDS for MySQL hosting

Enrich MHacks 9

- Enrich introduces beginners to investing by automatically upcharging purchases and putting the extra charge into a portfolio that reflects past transactions
- Winner of Best Financial Hack presented by Capital One and best use of AWS
- Built using Swift, Node.js and MongoDB, hosted on AWS Elastic Beanstalk

Campus Involvement

Engineering Open House Aug 2017 - Present

- Held Co-Director of tech position, coordinated all EOH technology needs
- Built Day-Of PWA which provided visitors with essential information such as parking, exhibit information, and schedule
- Event attended by 30,000 visitors from across the Midwest

HackIllinois May 2018 - Present

- Front End Web Developer for HackIllinois 2019
- Working on HackIllinois 2019 website, as well as internal tools

Details

☎ 847-387-2018

✉ jjxu3@illinois.edu

in /in/jonathanxu

🌐 /jc3m

🏠 508 East Healey

Apt 111

Champaign, IL, 61820

Languages

C

C++

CSS/Sass

HTML

Java

Javascript

Python

Technologies

D3.js

MongoDB

MySQL

React

DevOps

AWS

Git

Linux

jonathanxu.me

