

# Benny Yan

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## Education

**B.S Computer Science** - University of Texas at Dallas - Graduating Dec 2019 (expected) - 3.5 GPA

**Relevant Coursework** - Data Structures, Advanced Algorithms, Automata Theory, Computer Architecture, Discrete Math, Software Engineering

## Work Experience

**Startup Co-founder** - Legends.ai January 2018 - now  
- designed and built an analytics platform using React (Redux + Koa) for universal implementation  
- designed and created graphs using D3.js, used Scala to help build REST API using Finatra  
- created marketing strategy which reached 2000+ unique visitors within several days

**Software Engineering Intern** - RageOn! May 2016 - Aug 2016  
- wrote and refactored React components for better UX and maintainability  
- refactored Gulp integration to allow for 4x increase in development/deployment time  
- created growth hacks for web application that brought 30% higher user engagement

**Frontend Web Development Contractor** - 5miles Inc. February 2016 - March 2016  
- built landing pages for monetizing the startup and growing the user base  
- used Webpack to reduce initial load time overhead by average of 50%

**Full Stack Web Developer Contractor** - Common Core Pal July 2014 - August 2014  
- designed UI that effectively produced 20% better knowledge retention of Common Core principles in tests held at several Nashville schools  
- employed Laravel to asynchronously fetch math problems

**Full Stack Web Developer Contractor** - MTGK Math Institute August 2013 - June 2016  
- used Flask to generate franchise pages and contact information on the fly  
- increased web presence with a complete overhaul of online assets  
- created a Wordpress platform to centralize enterprise center information

## Skills

Languages - Javascript, Python, Scala, Ruby, CSS3/HTML5, PHP, Lua  
Technologies - React/Redux, Webpack, Git, AWS, SASS/LESS, Flask, Koa, Express, MySQL, jQuery, Photoshop, Illustrator, Ionic, Laravel, Rails, Meteor, Node, Wordpress

## Projects

**Electric Boogaloo** - DIY electric banjo hardware to teach songs/chords aggregated from the web  
- created a React frontend/Express.js backend to interface with Arduino  
- created at HackPrinceton 2016- won best overall, best design, best DIY  
**FreezeRay** - group project mobile app for quick bitcoin transactions using QR codes  
- designed front end in Ionic Framework and QR scanning with Cordova  
- created at Money2020- won a prize at the Texas Bitcoin Conference Hackathon  
**Projections.me** - group project SMP 500 company statistics/analytics web app  
- integrated real time data collection and designed UI interface; written in MEAN stack  
- created at TAMUHack- won the Bloomberg prize  
**HackDFW Game** - game system where members could solve puzzles and win prizes  
- wrote entire stack from frontend (React/Webpack) to backend (Express/Mongoose)  
- hosted on Heroku, generated puzzles for hundreds of concurrent users

## Involvement

**Director at HackDFW** - Dallas' second hackathon which attracted over 2000 attendees.  
- founding member and designer- developed HackDFW's Game and landing page  
**Officer at UTD Hackers** - a student organization for hackathon-centric activities  
- provided flyers and design/organized several workshops