Max Peng

Full Stack Software Engineer
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EDUCATION

NYU
BA in Economics
May 2017 | New York, NY
College of Arts and Science
Minor: CS, Politics, Business Studies
Dean's List 2016
Presidential Honors Scholar

LINKS

Github:// **pengcheng95**
LinkedIn:// **Max Peng**
Medium:// **Max Peng**

COURSEWORK

UNDERGRADUATE
Data Structure
Computer System
Web Design
Quantitative Economics with Python
Econometrics

SKILLS

PROGRAMMING
Strong:
Java • JavaScript • React •Angular • Node.js • Express • Mongoose • MySQL • Postgress • Bootstrap • Redux • Sequelize • Git • JQuery • Socket.io • NPM • HTML5 • CSS

Experienced:
C++ • Swift • Python • Backbone • Stata • Wordpress • Mocha • Chai • Jasmine

OTHER
Inkscape • Photoshop • Illustrator • Lightroom • Sony Vegas• Chinese • Card Counting

ABOUT ME

Love to play board games. Enjoy basketball and snowboarding a lot more than golf, but a much better golfer.

APPLICATIONS

EMOLYTICS | Oct. 2017 - Present
http://bit.ly/2yt04hF | Full Stack Software Engineer
A service that helps video creators know and understand how users are responding to their videos.
- Oversaw a team of 5 in executing the vision and maintaining an efficient workflow
- Captured and reformatted images of the user through the webcam for eye tracking and emotional analysis data from the WebGazer module and Microsoft's Emotions API to show to video creators.
- Increased overall data management efficiency by over 70% by remapping the data calculations from the client to SQL's highly optimized math functions.
- Incorporated React Router and Redux to create a seamless and responsive user experience.

LEARNING LESSONS | Oct. 2017
Full Stack Software Engineer
A platform for teachers and students to create and access course material in an organized manner.
- Used Socket.io to create real time chat rooms associated with individual lesson pages for students to ask questions
- Created C3 and D3 charts to help lesson creators visualize lesson popularity
- Managed and troubleshooted git workflow for a 4 man team

DESTINATIONS | Oct. 2017
Full Stack Software Engineer
An application to help travelers keep their notes and itinerary in one place.
- Used Google Maps to retrieve location based data and add markers as users create new events
- Implemented bcrypt and OAuth authentication systems for user log in.

EXPERIENCE

HACK REACTOR | Nov. 2017 - Present
Software Engineering Teaching Assistant | New York, NY
Mentored and educated students on CS fundamentals and building modern full-stack applications. Conducted interviews for prospective students and provided feedback for Hack Reactor's Admissions department.

HOTELS BY DAY | Aug. 2016 - Mar. 2017
Software Development Intern
Implemented a Google Maps feature with search-able markers of all of the hotel locations for user convenience. Worked closely with the CEO to redesign search page to a more intuitive layout. Created a custom Word Press plugin for displaying site partners in a vertical fashion.

PROJECTS

KIVA IMPACT | October 2015
Cal Hacks 2.0 | KPCB Sponsor Prize
Lead the development of an applications to help micro loaners quantify the impact of their loans in the community of which they are loaning to. Designed a clean and responsive UI with Bootstrap and Google Charts. Utilized data from Quandl to create a economic impact model.

AGRILERTS | September 2016
Big Red Hacks | Finalist
Created a service for farmers in developing countries to receive extreme weather updates and crop planting tips through text messages to increase crop yield. Maintained a clear vision for an efficient path to the final product. Ran a scheduling system every 24 hours to check for weather from Forecast.io and used Twilio to send text messages.