Josh Shi

📖 Northwestern University
Class of 2018
B.S. in Computer Science
3.63 GPA

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Languages

Proficient in HTML, CSS (Stylus, Sass), Javascript (CoffeeScript, NodeJS, AngularJS, React), Python
Experience with C#, C++, Matlab

Design

Skills: Visual design, user research, branding, interface/experience design
Software: Adobe Illustrator, InDesign, Photoshop, Sketch

Coursework

Computer Systems
Data Structures and Algorithms
Design and Analysis of Algorithms
Artificial Intelligence
Machine Learning
Databases
Human-Computer Interaction

Work

Software Engineering Intern, Groupon
June—September 2016
Mustache, Stylus, CoffeeScript, BackboneJS

As a part of the Goods Web Customer Experience (CX) team, created and A/B tested an experiment resulting in a standalone reviews page for Groupon Goods, the company's second largest revenue stream.

Technical Student Fellow, Knight Lab
June 2015—Present
Javascript, Google Apps Script, Python

Contributing to and maintaining projects at Knight Lab, an interdisciplinary lab for innovation in journalism and computer science. Past projects have included Timeline JS Helper, a Google Sheets add-on, and Learn, a tutorial web application providing programming lessons for journalists.

Design Researcher, Delta Lab
June 2015—Present
Design Research, User Interviewing

Conducting research for the Loft, a design studio and project management platform used heavily by Design for America. Responsibilities include researching users, analyzing findings, and synthesizing data into reports.

Projects

WildHacks Website
Mustache, Sass, ReactJS

Responsible for developing the front-end of the WildHacks website and application, including several ReactJS componenets used in the user registration portal.

Political Pundits
Python, NLTK

Developed the back-end for a web application that uses natural language processint to provide relevant pundit commentary to political news articles provided by a user.

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NodeJS, AngularJS, MongoDB, Express

Created a task management application which allows users to specify priority of tasks based on importance and urgency.

Leadership

Co-Director, WildHacks

Overseeing the organization of Northwestern's intercollegiate hackathon. Personal responsibilities include branding and front-end development for the WildHacks website and student portal.