

William S. Huang

Full-stack web developer

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Portfolio: <https://williamshuang.com> • Code: <https://github.com/wshuang6>

PROGRAMMING SKILLS

- **Languages:** JavaScript, HTML, CSS
- **Front-end:** React, Redux, jQuery, D3, Web Audio API, Enzyme
- **Back-end:** Node, Express, Mongoose, MongoDB, Knex, PostgreSQL, Passport, Socket.IO, Mocha, Chai
- **Other:** Github, Git, Heroku, Travis CI, Chrome DevTools

EDUCATION

Thinkful, Full-Stack Web Development Program, June 2017

Four month full-time course on modern web development utilizing one-on-one mentorship, pair-programming, and extensive project work

Carnegie Mellon University, Pittsburgh, PA, August 2013

B.S. in Policy and Management with additional major in International Relations and Politics

RECENT PROJECTS

Symphesis, <https://symphesis.herokuapp.com>

- Developed a collaborative music-making app that uses samples, synths, and mic to record music.
- Users can play music and add recordings to the room's composition
- JavaScript, React, Redux, Node, Express, Socket.IO, Web Audio API, MongoDB, Mongoose

Oui Verb, <https://ouiverb.herokuapp.com>

- Developed a quiz app which uses a spaced repetition algorithm to test students of French on verb conjugation and translation
- Users can choose between six categories and four verb groups, and will see verbs they struggle with
- JavaScript, React, Redux, Node, Express, Passport/Google OAuth, MongoDB, Mongoose

Postmarks, <https://postmarks.herokuapp.com>

- Developed a bookmark app that allows users to save links to webpages
- Users can organize bookmarks into folders, attach notes, and search bookmarks
- JavaScript, React, Redux, Node, Express, Passport/Basic Authentication, Knex, PostgreSQL

Visualizing the NBA, <https://wshuang6.github.io/d3-nba-visualization/>

- Developed data visualization of 2016-17 NBA data sourced from Basketball-Reference
- Visualized 3-point shooting/volume, usage vs. assist %, and team shot locations/efficiency
- JavaScript, D3

FlixZon, <https://flixzon.herokuapp.com/>

- Users can search for TV shows and see the streaming providers they are available from
- Supported providers include Netflix, Amazon Prime, Hulu free/plus, HBO, Showtime, Starz
- JavaScript, React, Redux, Guidebox API

WORK EXPERIENCE

Research Analyst, Federal Financial Analytics, Washington, DC, July 2015-February 2017

Research Assistant, Federal Financial Analytics, Washington, DC, July 2014-July 2015

- Contributed to data collection and analysis, literature research, writing, and editing of white papers on the cumulative impact of regulation and the effectiveness of macroprudential policy, custody banking deposit capacity, and costs of systemic regulation for regional banks
- Wrote and edited news items/in-depth reports for clients on regulations, reports, speeches, enforcement actions, academic papers, legislation, hearings. Topics covered include capital and liquidity regulations, market liquidity, macroprudential tools, consumer protection, SIFI designation and resolution
- Assisted in training of new employees