

William Sun

Front End Software Developer



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github.com/WillTheSun

EDUCATION

B.S. in Computer Science, Yale University

expected May 2017

Coursework:

- Algorithms
- Data Structures
- Linear Algebra
- Discrete Math
- Operating Systems
- Databases
- Systems Programming & Computer Architecture
- Natural Language Processing
- User Interface Design
- Graphic Design

SKILLS & LANGUAGES

- C
- Python
- SQL (familiar)
- Javascript (React, Node)
- Bootstrap
- Lightroom
- UI Design
- Mandarin (proficient)

About Me

- Strong technical background, compiled by caffeine, classes, and plenty of personal projects
- Recipient of seven academic scholarships worth \$200,000
- Unconventionally resourceful
- Broad range of travels, experiences, and hobbies
- Leadership in volleyball, cultural groups, and extracurricular clubs

WORK EXPERIENCE

Data Analyst

Yale University (New Haven, CT), May 2017 - Present

- Scraped 4000 articles from school news archives using NodeJS/AJAX
- Formatted data with regex and managed with PostgreSQL database

Front End App Developer

YouFood (San Francisco, CA), June 2015 – Sep 2015

- Revamped highest rated iOS health app by implementing new search, feed, profile and onboarding pages using Titanium, a hybrid JS framework
- Pushed weekly scrum updates to Android and iOS user base of 200,000
- Structured A/B tests of onboarding screens and feed recommendations

Digital Graphics Intern

Jet Propulsion Lab (La Canada, CA), May 2012 – Aug 2012

- Generated high-res 3D models charting the Curiosity Rover's trajectory
- Presented mission updates to delegates from CNN, Wired, and Google

EXTRACURRICULARS

Chief of Technology

Yale University Yale Diversified Investments, Aug 2014 – Jun 2015

- Cut check-in times 90% for Yale's largest club (203 members) using QR-code attendance system
- Designed and implemented Bootstrap website (www.yaleudi.com)

Business Analyst

AIESEC (New Haven, CT), Dec 2013 – Jan 2015

- Created internship and J1 visa for exchange program through cold calls

PROJECTS

Shopping Catalog – React.js and Bootstrap 4

- Responsive site with customer storefront, real-time shopping basket, and inventory management

Momentum Trading Script - Python

- Produced estimated gains 3.92% above replacement on Apple Stock

Lempel-Ziv-Welch Compression - C

- compresses GIFs and videos up to 5:1 ratio, lossless