

Wenqi He (何文琦)

EXPERIENCE

PegasusCRM | Front-End Web Developer Intern

January – May 2018 | Atlanta, GA

- Implemented a data table with sorting, searching and filtering functions in Vue.js with a Laravel backend.
- Used SASS to implement UX designer's style guide.

PERSONAL PROJECTS

github.com/GalMunGral/mini-web-projects

Declarative Dom

A virtual DOM for managing UI dependencies

- Implemented a tree that automatically updates DOM properties when underlying data changes.

Web REPL

A browser interface to server-side Python interpreter

- Implemented a Node.js server that communicates with a Python REPL subprocess to evaluate user inputs and sends outputs/errors back to the browser.

My Promise

A mock implementation of the ES6 promise API

- Implemented a chainable wrapper for async callbacks.

WSServer

Node.js implementation of a WebSocket server

WolframAlpha CLI

Extracts textual results from WolframAlpha's XML API

COURSE PROJECTS

MARTA Passenger Traffic | Web | CS4400 | Oct. – Dec. 17

github.com/GalMunGral/marta-passenger-traffic

- Implemented REST API using Express.js and MySQL.
- Used React.js/Redux.js to manage UI.

Clean Water Crowdsourcing | iOS | CS2340 | Jan. – Jul. 17

github.com/GalMunGral/clean-water-crowdsourcing

- Used Google Maps and Firebase SDKs for CRUD.
- Implemented simple user management on Android.

github.com/GalMunGral

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EDUCATION

Georgia Institute of Technology

Bachelor of Science in Mathematics

Minor in Computer Science & Physics

August 2015 – Present GPA: 4.0/4.0

TECHNICAL SKILLS

Familiar with: JavaScript, C, Python

Used: Java, Swift, C#, SQL, MATLAB

Bash, Git, HTML/CSS/JS, SASS/LESS, Redux, React, Vue, jQuery, Bootstrap, Node, Express, Xcode, Xamarin

COURSEWORK

Design and Analysis of Algorithms

Computer Systems and Networking

Relational Database

Machine Learning

Numerical Analysis

Quantum Mechanics

INVOLVEMENT

GT Bits of Good | Fall 2017

Front-End Web Developer

MARTA Hackathon | Sep. 2017

Web Developer

OTHER SKILLS

Mandarin Chinese – *native fluency*

Piano Grade 10 – *certified by China Conservatory of Music*