REGINA CHEN
code × design

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EDUCATION

University of Texas at Austin
Turing Scholars Honors
B.S. Computer Science
Expected May 2020
GPA: 3.72 / 4.00

Courses
Data Structures (H)
Discrete Mathematics (H)
Computer Architecture (H)
Operating Systems (H)
Algorithms and Complexity (H)
Competitive Programming
Modern Web Applications
Software Engineering

SKILLS

Languages
Java, HTML/CSS
C, C++, Python, JavaScript
Ruby, Verilog, x86 Assembly

Technical
Agile, Angular, Bootstrap, Git,
Jenkins, Node.js, Rails, React,
RSpec, Unix, Vim

Other
Adobe Photoshop, Final Cut Pro

ORGANIZATIONS

Science Olympiad
Communications Chair
Organizing biannual STEM
tournaments for 500+ students.

INTERESTS

Ask Me About
User Experience
Traditional Art
Japanese Language

EXPERIENCE

Baker Hughes, a GE Company
Digital Technology Leadership Program Intern | Summer 2018
- Designed and developed a new user interface for the dashboards of an internal tool in order to create a seamless pricing and quoting experience.
- Introduced the team and VP of technical product management to current software engineering best practices and drove the integration of these practices into the development workflow.

WP Engine
Software Engineering Intern | Summer 2017
- Upgraded the original automated email system to notification alerts in the user portal in order to decrease clutter in over 70,000 customers' email inboxes.
- Integrated a RESTful notifications API into the user portal and implemented proper notification delivery for page performance tests.

PROJECTS

Pygo
February 2018 – present
- Automated medical terminology homework by building a search engine that stores Latin roots and definitions and returns English translations based on user queries of conjugated Latin terms.
- Currently developing a user-friendly Angular dashboard and back-end integration to a database for more efficient usage and storage.

Greena
HackTX | October 2017
- Collaborated with team to develop an interactive environmental data visualization platform of carbon dioxide emissions of the top 500 emitting companies to spread awareness to the public.
- Designed the user interface and overall product flow and used the dataset to build a choropleth map of countries by carbon emissions.

TravelCat
HackMIT | September 2017
- Collaborated with team to develop the state machine for a Facebook chatbot for creating itineraries, searching for flights and points of interest, and journaling trips on the go.

TSoogle
December 2016
- Developed a search engine that crawls the web, indexes web pages, and responds to search queries efficiently.