Jeffrey Chan

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WORK AND INTERNSHIP EXPERIENCE

NASA JET PROPULSION LABORATORY   June 2016 – August 2016
Web Development Intern
- Developed on and updated a database of hosted payload opportunities using Microsoft Access and SQLite
- Developed a web crawler in Python that visits a list of webpages and search for keywords within the HTML

IEEE AT UCLA   May 2016 – Present
Webmaster
- Maintain and improve web and mobile interfaces used by over 300 students every year
- Collaborated on a team to develop a website for IDEA Hacks, an annual hardware-based hackathon at UCLA

DAILY BRUIN   January 2016 – Present
Front End Developer
- Collaborated on a static webpage for an article about how athletic clothing is becoming casual in fashion
- Collaborated on a blog post that displayed data on presidential campaign donations from the UC system using D3.js

PROJECTS

GITHUB BATTLE   July 2016
- Web application built with React and Webpack that takes in the usernames of two Github users and assigns each a score based on their number of followers and their number of stars – higher score wins
- **Demo:** jeffreyxchan.github.io/Github-Battle

TWITTER CRAWLER   May 2016
- Web application built with Express, React, and Node that takes in a valid Twitter username and uses the Twitter API to display the last 25 tweets of that user
- **Demo:** jeffrey-twitter-crawler.herokuapp.com

CYBER SPIDER   March 2016
- Developed a C++ program that utilizes a disk-based hash table in order to detect and purge known malicious entities from computer log data

FRACKMAN   February 2016
- C++ game in which the player navigates the Frackman around an oil field in search of oil while also avoiding protestors that chase the Frackman around the field

SKILLS AND ABILITIES

Programming Languages: C/C++, Python, HTML, CSS, JavaScript, SQL, Verilog
Libraries and Frameworks: MongoDB, Express, React, Node, jQuery, Bootstrap, D3, Jekyll
Software Skills: Microsoft Office, Windows, Arduino, Git/Github
Interpersonal Skills: Strong communicator, Thrives in team environments, Always willing to learn and help others

EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES   September 2015 – June 2019
Bachelor of Science: Electrical Engineering
GPA: 3.84 | Dean's Honor List
Relevant Coursework: Data Structures, Computer Organization, Discrete Mathematics, Logic Design of Digital Systems, Circuit Theory I, Signals and Systems