John Zeiders

Los Angeles, California, 90089
(217) 621-3876 | zeiders@usc.edu
Personal Website: john-zeiders.com

USC Viterbi
School of Engineering
Department of Computer Science

Education

University of Southern California -B.S Computer Science GPA: 3.6
Awards: 2x Viterbi Dean's List

Technical Skills

Programming Languages: Python, Javascript, Node.js, C++, C#, Typescript
Frameworks & Systems : React JS, Jest, Flask (python), Postgres

Work Experience

SpaceX
Software Engineering Intern
- Rebuilt employee performance evaluation and stock allocation system [C#, Typescript]
- Migrated 3 internal applications to Typescript [JS, Typescript]

Hawthorne, CA
May 2018-Present

Syngenta Digital Innovation Lab
Full Stack Intern
- Development Lead on Mayflower: Project Visualization and Submission Software, used by Syngenta and Ameren [ReactJS, Node.js, Postgres]
- Built frontend and data storage for 3P, an ML project for PDF table data extraction. [Flask, Python, JS]
- Setup testing and CI Framework [AWS, Jest, Docker]

Champaign, IL
May 2017-August 2017

USC Automatic Coordination of Teams Lab
Web Developer
- Created Interface for development of AI for simulation game [Python]
- Increased performance of teamwork simulation, 5x Improvement,
- Used Socket.io to improve concurrency between game administrators and participants [Node.js]

Los Angeles, CA
November 2016-Present

Student Director of Engineering USC Lavalab (University Accelerator)
- Developed new curriculum for teaching Entrepreneurship focused software development.

Los Angeles, CA
May 2018-Present

Hackathons

Rice Hacks (October 2016) -- MLH Best Hack Against Online Harassment
Created Keep Your Friends Closer: A online service that allowed users to visualize their social network and the quality of their online interactions. [JS, Node.js]
SB Hacks III (January 2017) -- Best use of Esri Development Platform, MLH Best use of AWS
Created Globe: An interface for Esri maps using Leap Motion and Alexa. [ReactJs, ArcGis, Python]
SB Hacks IV (January 2018)-- SpaceX Best Use of Typescript or C#, Google Best Use of Firebase
Created Jarvis: A web editor and CI for Alexa skills. [ReactJs, Node, Typescript, Firebase]
HEX Hacks (Netherlands, March 2018) -- Best in Health Tech presented by Accenture
Created Hexchain: Decentralized application on Ethereum Blockchain that enables users to maintain intellectual property rights for their medical data. [ReactJS, Solidity, Web3.js]
Other Hackathons: TreeHacks 2017, HackPoly 2017, HackTech 2017, HackDuke 2017, YHacks2017