

WILLIAM LEIBY

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ABOUT ME

Professional Interests	Software Engineering, Project Management, Cloud/Solutions Architecture
Languages/Technologies	JavaScript, React.js, Node.js, Java, Python, Bash/Zsh, HTML/CSS, SQL
CLI/Cloud Computing	AWS, Heroku, Git/GitHub, PostgreSQL, MongoDB, Docker, Unix/Linux
Personal Interests	Skateboarding, Running, Cycling, Reading, Gaming, Speedcubing (3x3x3)

EDUCATION

Undergraduate August 2018 - Present
DePaul University Chicago, IL

Bachelor of Science - BS, Information Technology, Economics (Minor)

- Clubs: Developer Student Club (DSC) by Google Developers

EXPERIENCE

Software Engineer Intern September 2019 - March 2020
Vertex Analytics Chicago, IL

- Developed data visualization solutions with JavaScript libraries (D3.js, Handsontable, Google Maps API) to assist futures and options traders in performing analysis on contracts within derivatives markets. Leveraged low-latency WebSocket feeds from the Chicago Mercantile Exchange with same-day transaction affirmation (T0) to provide portfolio managers with data analytics that contextualized unique market conditions.

Contributing Writer July 2019 - Present
Medium <https://medium.com/@williamleiby>

- Wrote articles expressing an interest in technology with topics ranging from data structures and programming theory to version control systems and command-line interface utilities. Works have been shared through publications such as The Startup, Better Programming, and Towards Data Science along with being selected by Medium's curators to be shared in the 'Software Engineering' and 'Programming' topics on their platform.

PROJECTS

Gavel 2019
IEX Cloud API, OAuth, Axios, Redis, CircleCI, Sentry <https://github.com/williamleiby/gavel>

- Architected a full-stack React.js application that leverages the Investors Exchange Cloud API to help market participants perform fundamental analysis on equity instruments traded on the Investors Exchange. Features include login authentication with social networks, a dashboard showcasing firms publically-traded on IEX, as well as direct access to a firm's S.E.C. filings and investor relations documents.

Scaffold 2019
Next.js, Express.js, React Context API, Ant Design <https://github.com/williamleiby/scaffold>

- Developed a highly scalable, server-side-rendered React.js template with built-in global state management via the React Context API to aid in bootstrapping a software engineer's full-stack project.

DonAid 2020
React.js, Plaid API, Google AppEngine, Firebase <https://github.com/williamleiby/hackdsc>

- Built a full-stack web application with three other students at the Google Developers HackDSC hackathon. Users are given the ability to donate to those suffering from financial hardship in a format inspired by popular online dating applications.