

JACK LECKRONE

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[LinkedIn](#) | [GitHub](#) | [Website](#)

EDUCATION

University of California, Santa Cruz

June 2020

- Bachelor of Science in Computer Science
 - Bachelor of Arts in Economics
- Dean's Honors Fall 2019

EXPERIENCE

Capgemini | Software Engineer

March 2022 - Present

- Developed cloud native Django web applications backed by microservice architecture, custom Node.js APIs and CI/CD DevOps pipelines on IBM Cloud Foundry
- Cleaned and prepared data with Dataiku MLOps pipelines for internal analytics dashboards and visualizations tracking weekly account updates and director contributions.
- **Skills: Python, SQL, JavaScript, PowerBI, Dataiku**

TECHNICAL SKILLS

Languages:

JavaScript, TypeScript, Python, SQL, Java

Frameworks & Technologies:

React, Node, D3, Django

Other:

Agile Development (Scrum), Git, Regression Analysis, Hypothesis Testing

OPEN SOURCE PROJECTS

Video Hub App | [GitHub](#)

- Implemented FPS display to help creators easily navigate and view enhanced media file details
- Explored code base to learn system architecture and integrate new user facing feature in under 4 days
- Collaborated with product owner to make feature and coding style improvements through code reviews
- **Skills: TypeScript, Angular**

PERSONAL PROJECTS

Hungry Snake | [Website](#) [GitHub](#)

- Implemented breadth-first search, depth-first search, and Hamiltonian cycles to build an inverse snake game with pathfinding and self-detection intelligence dependent on selected game difficulty (4 options)
- **Skills: JavaScript, React**

AlgoVis | [Website](#) [GitHub](#)

- Implemented selection, insertion, bubble, gnome, quick, merge, and heap sorts to create a sorting algorithm visualizer displaying differences of popular algorithms and demonstrating efficiency tradeoffs.
- **Skills: JavaScript, React, Redux**

Project Quiet Place | [GitHub](#)

- Developed front-end user interface elements and created group functionality with real time database API to build iOS and Android mobile app in a 5-person Scrum team over a 10 week period
- Wrote and executed unit testing on components with Jest
- Directed team for 2 weeks as rotational Scrum Master during sprint 3 of 4
- **Skills: JavaScript, React Native, Firebase, Jest**

CERTIFICATIONS

IBM Full Stack Software Developer Professional Certificate | [Link](#)