

Jack R. Gisel

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EDUCATION

2017-2021 **CHARLES W. DAVIDSON COLLEGE OF ENGINEERING AT SAN JOSE STATE UNIVERSITY** San Jose, CA
Bachelor of Science in Software Engineering, May 2021
CS Spartan, Software and Computer Engineer Society, Hoplite (Data structures and algorithms club), Rock Climbing Club

EXPERIENCE

2020 - Current **NEXUS** Newburgh, IN
Contracted - Full Stack Engineer

- Maintaining the mobile and web app for a growing social networking company by using NextJS, React, React Native, and TypeScript
- Independently designed and built a highly scalable architecture with an average cost per user of \$0.0005/m through NoSQL and serverless functions
- Implemented NFC protocol to efficiently share profile data between users by leveraging Universal Linking
- Created the Shopify ecommerce landing page boosting load speed 19% by using Bootstrap, SCSS, and vanilla Javascript

2019 - Current **ASCEND FINANCE** San Jose, CA
Full Stack Engineer

- Building a mobile app focused on consumer debt payoff using React Native, AWS Lambda, Firebase, and ExpressJS
- Developing an algorithm for debt payoff, saving users on average \$2,210.98 by using preformant data structures
- Constructing actionable screens with data visualization to aid in the understanding of personal finance
- Integrated an application monitoring and session replay system capturing over 90 bugs, helping our team develop quicker and more focused

2019 **VINETI** San Francisco, CA
Software Engineering Intern

- Developed a physician management component using test-driven development, React, and Ruby on Rails
- Assisted in a PR “war room” effort managing over 60 PRs while the CI/CD infrastructure was unstable
- Built an understanding of microservice architecture using services like Docker and Kubernetes
- Lead agile development meetings within my team and demonstrated new features in company wide meetings

2018 **LYTE AI** San Francisco, CA
Software Engineering Intern

- Built a web based collaborative text editor for small teams using React, MobX, Firebase, and CSS
- Developed a push notification system for 100’s of daily notifications using NodeJS and Firebase Cloud functions
- Learned Javascript best practices by collaborating with other developers in a remote setting

PROJECTS

2020 **DIGBY** usedigby.com

- Creating a serverless Podcast Hosting platform
- Minimizing the startup cost of podcasting, by reducing monthly overhead for new podcasters

2020 **TRADER JOE’S API** github.com/jackgisel/traderjoeapi

- Created a public and open source API for getting recipes from Trader Joe’s
- Used ExpressJS for routing and Firebase Cloud Functions to act as a serverless provider to minimize costs

PERSONAL

- FreeCodeCamp Legacy Front End Developer Certification
- Interests: Entrepreneurship, Rock climbing, Coffee, Obstacle Races, Hiking and Bikes