NICHOLAS GALIN

COMPUTER SCIENCE / DATA SCIENCE / DESIGN

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EDUCATION

B.A. COMPUTER SCIENCE, B.A. DATA SCIENCE
University of California, Berkeley
Class of 2023 | 3.763 GPA

SKILLS

LANGUAGES
Python, JavaScript, Java, C, RISC-V, HTML, CSS, SCSS

TECHNOLOGIES
React.js, React Native, Angular, Apache Cordova, Capacitor, REST, Node.js, Git

PROJECT MANAGEMENT
JIRA, Confluence, SCRUM, Agile, Asuna, Lucid Chart

PROJECTS

CRYPTO MINING / 2021
Set up Ethereum (ETH) and Monero (XMR) mining rigs using custom built desktop PCs running Windows and HiveOS.

PERSONAL SITE / 2022
Github-hosted personal site built with React.js and SCSS from scratch (Redesigned annually).

LYFTABLE / 2021
Progress tracking social media platform for sharing fitness improvement with friends and followers. Built using Adobe XD, React Native, and Google Firebase.

NIQBOT / 2020
DIscord bot that tracks user disconnect times and provides analytics (graphs, means, etc.) with bedtime predictions and server bedtime leaderboards.

SENTIMENT ANALYSIS / 2019
Machine learning algorithm to determine the general sentiment (Positive, Neutral, Negative) of text using TensorFlow and Python3.

EXPERIENCE

ECAD SOFTWARE INTERN
APPLE / JAN 2021 - AUG 2021 (8 MO)
Developed and documented PCB design and validation utilities in frontend frameworks for internal use in an Agile development environment.

EXTERNAL VICE PRESIDENT (VP ENGINEERING)
WEB DEVELOPMENT AT BERKELEY / DEC 2021 - PRESENT
Working on client acquisition, implementing organization-wide development conventions and guiding engineering culture, and overseeing product managers and industry developers.

FRONTEND DEVELOPER
WEB DEVELOPMENT AT BERKELEY / SEP 2021 - DEC 2021 (4 MO)
Leading a frontend team in developing an analytics dashboard using React.js in an AGILE/SCRUM environment.

ASSOCIATE PRODUCT MANAGER
SPROUL.CLUB / JAN 2021 - SEP 2021 (9 MO)
Managing 5 team-members across Product Design, Backend Development, Frontend Development, and User Testing sectors developing the sproul.club student account features.
Project Management (SCRUM Master) following the Agile workflow with JIRA.

FRONTEND DEVELOPER
SPROUL.CLUB / OCT 2020 - JAN 2021 (4 MO)
Web and fullstack development in React.js, HTML, SCSS, Redux, and Flask, making site-wide UX/UI improvements and framework performance optimizations.

SOFTWARE ENGINEERING INTERN
SUMMERBIO. / MAY 2020 - AUG 2020 (4 MO)
Designed, implemented, and (beta) published a mobile cross-platform app in Capacitor/Angular, HTML, SCSS, Node.JS, and AWS for personal COVID-19 test submission, contact tracing, and expedited test result delivery.

SOFTWARE ENGINEERING INTERN
JOBY AVIATION / JUN 2018 - MAY 2020 (2 YR)
Developed and (internally) published a mobile cross-platform flight booking application with automated scheduling and programmatic updates using AWS, Apache Cordova and React Native frameworks, HTML, and CSS.

SOFTWARE DEVELOPMENT CONSULTANT
GAMMADYNAMICS / SEPT 2016 - JAN 2018 (1 YR 5 MO)
Published multiple cross-platform web applications in Cordova, Javascript, HTML, and CSS to provide access to a trained neural network on product review summarization.

ACTIVITIES

MENTOR
FULLSTACK WEB DEV COURSE / NOV 2020 - DEC 2021 (1 MO)
Mentoring Node.js, Firebase, React.js, HTML, and CSS final projects for an introductory fullstack development course at Berkeley.

MENTOR
CUBSTART WEB DESIGN COURSE / SEP 2020 - MAY 2021 (9 MO)
Mentoring React.js, HTML, and CSS for an introductory web design course at Berkeley.