Jack Greenberg

Electrical and Firmware Engineer

EXPERIENCE

Indico Data Solutions

Software Engineer (Backend Team)

05/2020 - Present | Los Angeles (remote)

› Developed Redis-based cache for permissions authenticating to reduce network traffic in the microservices architecture

Olin Electric Motorsports

Electrical Lead

09/2019 - Present | Olin College

› Worked with other electrical leads to design the car's electrical systems and craft an onboarding experiences for first-year students

› Developed mission-critical board to perform safety checking for the car, and a board for shutdown circuit monitoring

Yay Brigade

Full-Stack Developer

01/2019 - 12/2019 | Los Angeles (Gap Year)

› Implemented designs with a focus on keeping them light-weight and accessible.

› Built a web app to monitor the status of the sites maintained by the studio with a notifcation system. Written with PHP and MySQL.

› Built a web app (designed by the head of the studio) that allows users to keep a list of their favorite bands and compare them with other users. Written with ReactJS, PHP, and MySQL.

Norwegian Refugee Council

Data Architect

09/2018 - 12/2018 | Berlin, Germany (Gap Year)

› Assisted the team in developing a data collection and project management tool used in refugee camps around the world, using Salesforce as a platform.

› Traveled to a conference in Brussels with my team to present to representatives from around the world about the data collection and project management tools we were building.

EDUCATION

Olin College of Engineering

Bachelor of Science in Electrical and Computer Engineering

May 2023 | Needham, MA

› Recipient of 4-year, 50% tuition merit scholarship.

UCLA Extension Course: Networking and TCP/IP

March 2018 | Los Angeles, CA

› Studied concepts of networking technology and worked through understanding the full TCP/IP stack.

Oakwood Secondary School

June 2018 | Los Angeles, CA

› Took courses on elementary number theory and cryptography, sign language, and jazz theory, among others.

SKILLS

Software

Python   C (embedded, systems-level)   Go
Docker   MATLAB

Front-End

JavaScript   ReactJS   (S)CSS

Database

PostgresQL   MongoDB

Other

Git   KiCad   Figma   American Sign Language

CONTACT

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