

Luke Kennard / Computer Engineer

Expert team player and creative mind. Looking for work with any technology that is exciting and challenges what I know.

CATENI, INC.

Engineer

2021 - Present

A small company in the domain of Satellite Guidance and Navigation Control (GNC). Worked across multiple concurrent projects doing a wide variety of tasks.

Satellite App Development

- Maintained and updated collection of apps for use with various satellites and simulations across Linux and Windows operating systems
- Windows apps built using Visual Studio
- Linux apps built using cmake
- Scripting used to streamline process when necessary

Created & Managed Office VPN

- Allowed in-office device connections while working from home during the COVID-19 Pandemic
- Running on a programmed Cisco ASA
- Authentication proxy for two-step verification hosted on Raspberry Pi

Performed General IT Duties

- Networking
- PC Assembly & Maintenance
- Cable Management
- Software Updates

SAN DIEGO STATE UNIVERSITY

B.S. Computer Engineering

2017 - 2021

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/ **Languages**
/ C / C++ / C#
/ Java / JavaScript
/ HTML / CSS
/ Linux / cmake
/ SQL
/ Assembly
/ Verilog HDL
/ **Skills**
/ Embedded Systems
/ Circuit Analysis
/ Windows Architecture
/ Linux Programming
/ Networking
/ PCB Design & Assembly
/ Microprocessor Design
/ Mathematics
/ Web Design
/ Creative Writing / Branding
/ Public Speaking
/ Teamwork
/ Communication
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