



Pavielle Searl

Assistant Electrical Engineer

I am an assistant electrical engineer with over five years of experience. I have worked on a variety of projects, both big and small. My skills include problem solving, design work, and project management. I have a strong track record of delivering quality results on time and within budget. I am a team player who is always willing to go the extra mile to get the job done right

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4390 Rice Street, Honolulu, HI 
96822

Education

**Bachelor of Science in
Electrical Engineering at
The University of Hawaii at
Manoa**

Aug 2012 - May 2017

I've learned the basics of electrical engineering, including circuit design, electronics, and electromagnetism.

Links

[linkedin.com/in/paviellesearl](https://www.linkedin.com/in/paviellesearl)

Skills

Mathematics 

Physics 

Chemistry 

Computer science 

Materials science 

Languages

English 

Urdu 

Employment History

Assistant Electrical Engineer I at Aloha Air, HI

Mar 2022 - Present

- Led the electrical engineering design on a \$5 million dollar project.
- Successfully completed 3 projects under budget and ahead of schedule.
- Wrote specifications for new products which saved the company 20% in production costs.
- Developed testing and quality control procedures that reduced customer returns by 15%.
- Trained 2 junior engineers, mentored 4 interns.

Assistant Electrical Engineer II at American electric, HI

Jul 2017 - Jan 2022

- Reduced downtime for factory by 25% through implementation of new electrical maintenance schedule.
- Created more efficient methods for ordering and tracking inventory, resulting in a 15% reduction in annual expenditure.
- Coordinated scheduling between three shifts to install 3 miles of underground conduit, saving \$15,000 over original estimate.
- Wrote 200-page operations manual that is now used as the standard guidebook for all assistant engineers II.
- Updated the control system on 50 machines which led to an increase production by 10%.

Certificates

Certified Electrical Engineer (CEE)

Dec 2020

Certified Power Systems Engineer (CPSE)

Dec 2019

Memberships

IEEE

IET

Hobbies

Building and flying remote
control aircraft

Designing and building
electronics projects

Playing classical and electric
guitar