

Annalee Chernak

Computer Hardware Engineers

Profile

I am a computer hardware engineer with 4 years of experience. I have worked on designing, developing, and testing computer systems and components such as processors, circuit boards, memory devices, networks, and routers. My skills include problem solving and analytical thinking. I am also familiar with various programming languages

Employment History

Senior Computer Hardware Engineer at Dell, FL

Apr 2022 - Present

- Led the development of a new computer hardware platform that was successfully launched in 4 months, ahead of schedule and under budget.
- Defined requirements for a new high-speed data bus interface which improved communication speed by 400%.
- Implemented design changes to improve manufacturability of circuit boards by 30% while maintaining performance levels.
- Developed test plans and oversaw testing for 3 major product releases ensuring all products met or exceeded quality standards before release to customers.
- Authored 5 patents related to computer hardware architecture and design.

Computer Hardware Engineer II at Apple, FL

Aug 2018 - Feb 2022

- Led a team of 5 engineers in the development of a new computer system that increased productivity by 30%.
- Developed and implemented a new testing procedure for computer hardware that reduced defects by 50%.
- Authored 3 papers on computer engineering topics that were published in leading journals.
- Presented at 2 international conferences on advances in computer engineering.
- Received an award from the Institute of Electrical and Electronics Engineers (IEEE) for outstanding contributions to the field of computer engineering.

Certificates

Certified Hardware Engineer (CHE)

Feb 2021

Certified Senior Hardware Engineer (CSHE)

Aug 2019

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Education

Bachelor of Science in Computer Engineering at University of Florida, FL

Aug 2014 - May 2018

I've learned how to design, develop, test and evaluate computer systems and components.

Links

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

Skills

Electrical engineering

Computer science

Physics

Mathematics

Digital electronics

Analog electronics

Microprocessors

Languages

English

Spanish