Early Talent Job Profile

Engineering Technology

Embedded Systems Intern and LDP

Rotations

Year 1- Embedded Systems Engineer- experience with different business units, product lines, and locations. Formal training in areas including green belt training, ProLaunch, Innovation Cup (annual competition), design thinking, problem solving approaches, customer, supplier, and/or plant visit

Year 2- Embedded Systems Engineer- opportunities to lead portion components of project

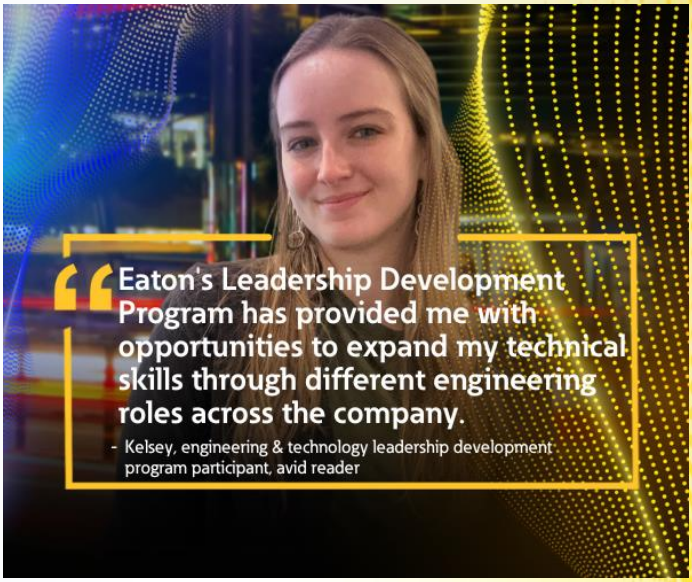
Experiences and Skills Development

PROJECTS

- High visibility projects and new technology development
- IoT New Product Development and application (Smart Home)
- Firmware and software development for micro-controllers
- Development of embedded hardware for power distribution products

SKILLS DEVELOPMENT

Problem solving, business acumen, technical learning, communication, leadership, customer focus, project management, new product development



Requirements

Major: Electrical and/or computer engineering, computer science
GPA: 2.8+
Geographic Flexibility
Skills Requirements: Python, JAVA, C, C++, Raspberry Pi, Embedded Linux, Simulation and modeling

Program Benefits

LDP Advisory Board
Mentorship
Leadership Training
Cohort Experience

Locations

Moon Township, PA
Raleigh, NC
Southfield, MI
Peachtree City, GA
Milwaukee area, WI
Torrance, CA

Career Path Possibilities

- Senior Engineer
- Lead Engineer
- Embedded Systems Specialist
- Engineering Supervisor or Senior Specialist
- Engineering Manager
- Director or Chief Engineer

Early Talent Candidate Profile

Engineering Technology
Embedded Systems
Intern and LDP

About You

MAJOR

Electrical Engineering, Computer Engineering, Computer Science

GPA

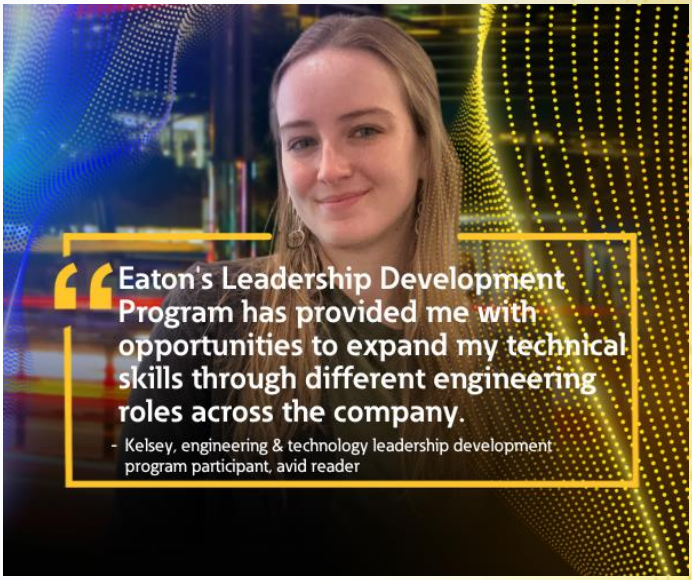
2.8+

GEOGRAPHIC FLEXIBILITY

Flexible geographic interest. No sponsorship offered.

CAREER INTERESTS | GOALS | ASPIRATIONS

subject matter expert owning major projects/processes or leader of people, broad interest



Your Skills and Experiences

Foundational Skills

- Leadership (class projects, work/part-time job, student organization involvement, etc.)
- Strong demonstration of technical problem solving & critical thinking
- Effectively communicate technical terms to non-technical stakeholders
- Able to collaborate with and influence internal stakeholders (class projects, student organization involvement, etc.)
- Self-starter
- Natural curiosity/ agile learner
- Interest in emerging technology

Technical Skills

Exposure and foundation knowledge to a variety of coding languages/platforms

- Python
- Java
- C
- C++
- Embedded Linux
- Simulation and modeling

Experiences and Transferrable Skills

- Hands on experience (solar car, SAE, baja, etc.)
- Research experience
- Technical Testing (previous internship or lab experience through coursework)

Early Talent Job Profile

Engineering Technology
Software
Intern and LDP

Rotations

Year 1- Software Engineer- experience with different business units, product lines, and locations. Formal training in areas including: Green Belt training, ProLaunch, Innovation Cup (annual competition), design thinking, problem solving approaches, customer, supplier, and/or plant visit

Year 2- Software Engineer- opportunities to lead portion components of project

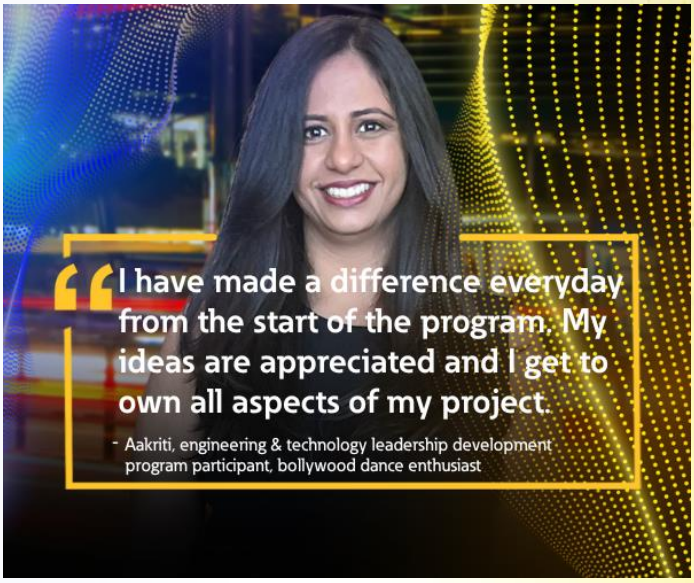
Experiences and Skills Development

PROJECTS

- Development of IoT applications
- Firmware support for product lines
- Web/mobile app development
- Interface software development for smart grid applications

SKILLS DEVELOPMENT

Problem solving, business acumen, technical learning, communication, leadership, customer focus, project management, new product development



Requirements

Major: Computer Science or Computer Engineering
GPA: 2.8+
Geographic Flexibility
Skills Requirements: Proficient in Python, JAVA, C, C++, HTML, C#, .net Development, Cloud, Cyber, UX / UI Design, AI / Machine Learning

Program Benefits

LDP Advisory Board
Mentorship
Leadership Training
Cohort Experience

Locations

Moon Township, PA
Raleigh, NC
Southfield, MI
Peachtree City, GA
Milwaukee area, WI

Career Path Possibilities

- Senior Software Engineer
- Lead Software Engineer
- Software Specialist
- Engineering Supervisor or Senior Specialist
- Engineering Manager
- Director or Chief Engineer

Early Talent Candidate Profile

Engineering Technology
Software
Intern and LDP

About You

MAJOR

Computer Engineering, Computer Science

GPA

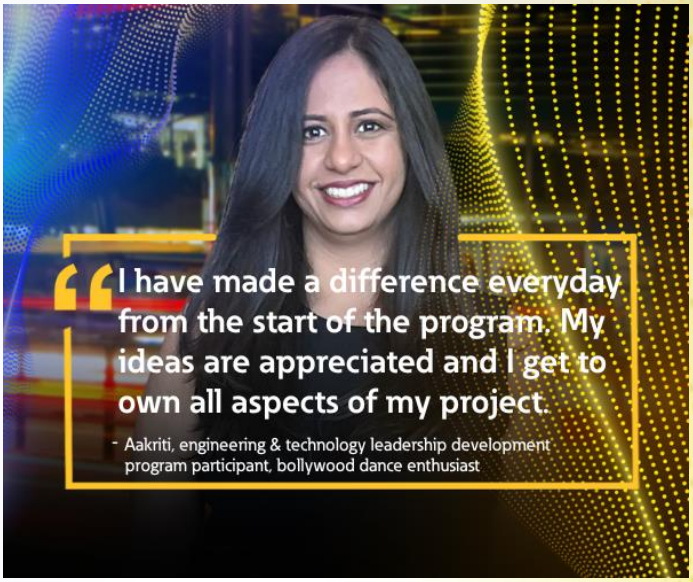
2.8+

GEOGRAPHIC FLEXIBILITY

Flexible geographic interest. No sponsorship offered.

CAREER INTERESTS | GOALS | ASPIRATIONS

subject matter expert or leader of people; broad interest in software and growing skills in various languages and applications



Your Skills and Experiences

Foundational Skills

- Leadership (class projects, work, student organization involvement, etc.)
- Strong demonstration of technical problem solving & critical thinking
- Effectively communicate technical terms to non-technical stakeholders
- Able to collaborate with and influence internal stakeholders (class projects, student organization involvement, etc.)
- Self-starter
- Natural curiosity/ agile learner
- Interest in emerging technology

Technical Skills

- Proficient in Python, JAVA, C, C++, HTML, C#, .net Development,
- Exposure to Cloud, Cyber, UX / UI Design, AI / Machine Learning
- Cyber certifications

Experiences and Transferrable Skills

- Coding
- Research experience
- Software development internship
- Created my own app or website
- Designed a video game
- Participated in a hackathon

Early Talent Job Profile

Engineering Technology
Power Electronics
Intern and LDP

Rotations

Year 1- Power Electronics Engineer- experience with different business units, product lines, and locations. Formal training in areas including: green belt training, ProLaunch, Innovation Cup (annual competition), design thinking, problem solving approaches, customer, supplier, and/or plant visit

Year 2- Power Electronics Engineer- opportunities to lead portion components of project

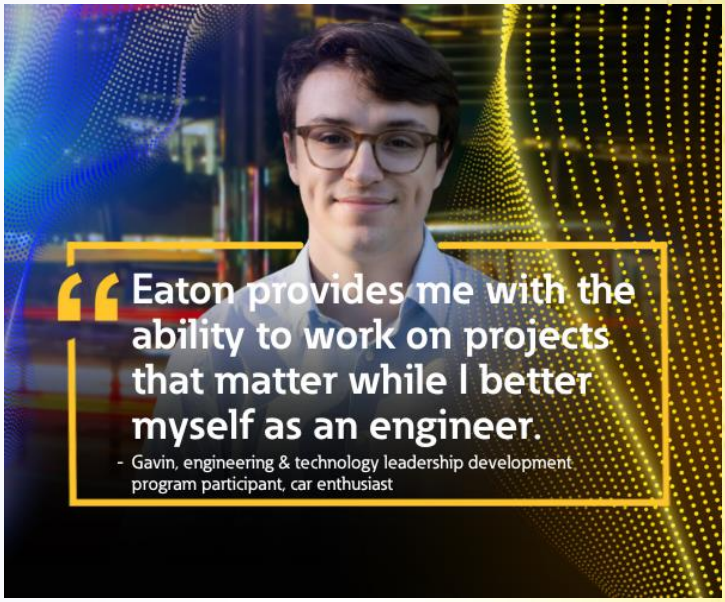
Experiences and Skills Development

PROJECTS

- DC Power Conversion
- Solid State Circuit Protection
- Transportation Electrification
- Energy Intelligence

SKILLS DEVELOPMENT

Problem solving, business acumen, technical learning, communication, leadership, customer focus, project management, new product development.



Requirements

Major: Masters in Electrical or Electronics Engineering
GPA: 2.8+
Geographic Flexibility
Skills Requirements: power conversion, mixed-signal circuit design (e.g., analog and digital circuits), testing, troubleshooting, & validation, experience with PE Hardware, Control Design, or Systems

Program Benefits

LDP Advisory Board
Mentorship
Leadership Training
Cohort Experience

Locations

Milwaukee, WI
Moon Township, PA
Raleigh, NC
Southfield, MI
Peachtree City, GA
Torrance, CA

Career Path Possibilities

- Senior Engineer
- Lead Engineer
- Engineer Specialist
- Engineering Supervisor or Senior Specialist
- Engineering Manager
- Director or Chief Engineer

Early Talent Candidate Profile

Engineering Technology
Power Electronics
Intern and LDP

About You

MAJOR

Masters in Electrical or Electronics Engineering

GPA

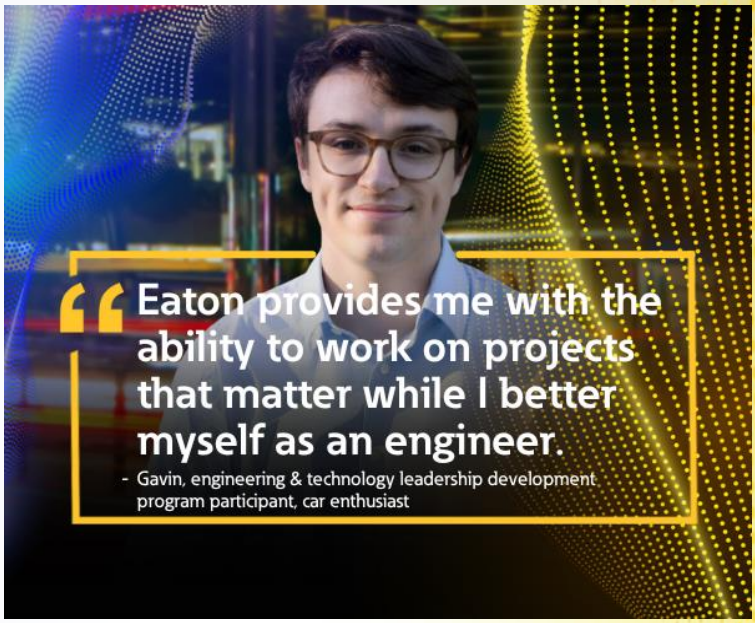
2.8+

GEOGRAPHIC FLEXIBILITY

Flexible geographic interest. Sponsorship offered.

CAREER INTERESTS | GOALS | ASPIRATIONS

subject matter expert or leader of people



Your Skills and Experiences

Foundational Skills

- Leadership (class projects, work, student organization involvement, etc.)
- Strong demonstration of technical problem solving & critical thinking
- Effectively communicate technical terms to non-technical stakeholders
- Able to collaborate with and influence internal stakeholders (class projects, student organization involvement, etc.)
- Self-starter
- Natural curiosity/ agile learner
- Interest in emerging technology

Technical Skills

Experience in:

- Power conversion
- Mixed-signal circuit design (e.g., analog and digital circuits)
- Electrical testing, troubleshooting, & validation
- PE Hardware, Control Design, or Systems

Experiences and Transferrable Skills

- Hands on experience, tinkerer
- Energy transition research lab
- Electronics research

Early Talent Job Profile

Engineering Technology
Mechanical Design Intern and LDP

Rotations

Year 1- Mechanical Design Engineer- experience with different business units, product lines, and locations. Formal training in areas including: green belt training, ProLaunch, Innovation Cup (annual competition), design thinking, problem solving approaches, customer, supplier, and/or plant visit

Year 2- Mechanical Design Engineer- opportunities to lead portion components of project

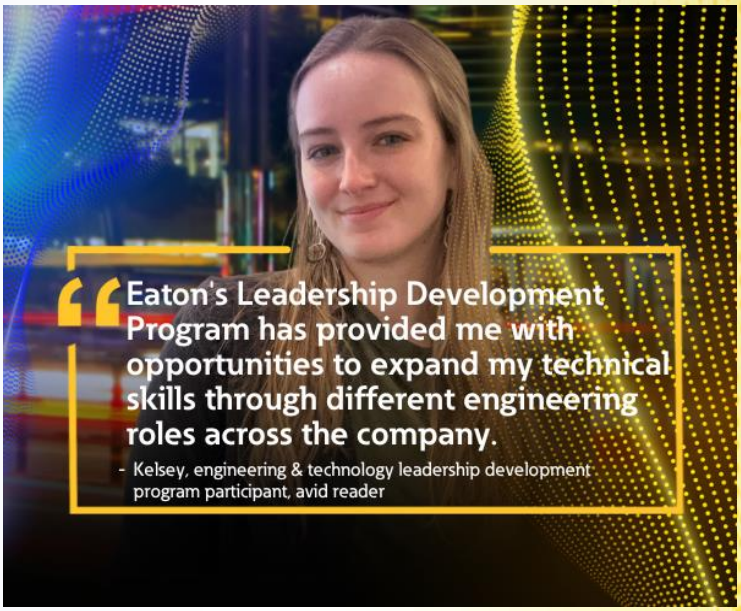
Experiences and Skills Development

PROJECTS

- Participate in new product development & introduction (design-to-industrialization activities)
- Design, testing and certification of the components plus systems as well as product qualification for performance, reliability, and cost optimization of the final product.
- Identification and execution of cost savings

SKILLS DEVELOPMENT

Problem solving, business acumen, technical learning, communication, leadership, customer focus, project management, new product development



Requirements

Major: Mechanical Engineering
GPA: 2.8+
Geographic Flexibility
Skills Requirements: CAD/Solidworks/CREO solid modeling, design simulation, product testing, design validation

Program Benefits

LDP Advisory Board
Mentorship
Leadership Training
Cohort Experience

Locations

Moon Township, PA
Southfield, MI
Asheville, NC
Milwaukee, WI

Career Path Possibilities

- Senior Engineer
- Lead Engineer
- Engineering Specialist
- Engineering Supervisor or Senior Specialist
- Engineering Manager
- Director or Chief Engineer

Early Talent Candidate Profile

Engineering Technology
Mechanical Design
Intern and LDP

About You

MAJOR

Mechanical Engineering

GPA

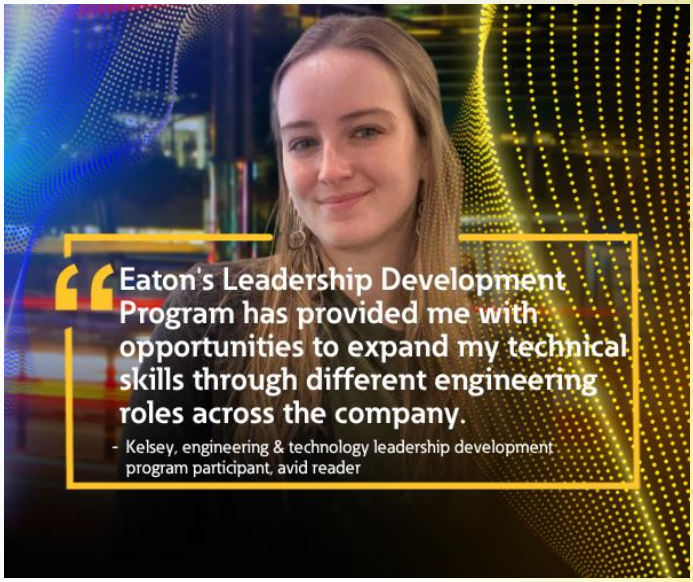
2.8+

GEOGRAPHIC FLEXIBILITY

Flexible geographic interest. No sponsorship offered.

CAREER INTERESTS | GOALS | ASPIRATIONS

subject matter expert or leader of people



Your Skills and Experiences

Foundational Skills

- Leadership (class projects, work, student organization involvement, etc.)
- Strong demonstration of technical problem solving & critical thinking
- Effectively communicate technical terms to non-technical stakeholders
- Able to collaborate with and influence internal stakeholders (class projects, student organization involvement, etc.)
- Self-starter
- Natural curiosity/ agile learner
- Interest in emerging technology

Technical Skills

- CAD/ Solidworks/CREO solid modeling
- Design simulation
- Product testing
- Design validation

Experiences and Transferrable Skills

- Robotics experience
- Hands on experience, tinkerer
- Baja, solar, SAE student organization involvement