

Jane Street Europe Limited

**Jane Street**

We are a global liquidity provider and trading firm that uses sophisticated quantitative analysis and a deep understanding of market mechanics to help keep prices consistent and reliable.

Linux Engineer - 2027 Summer Internship

City: London; Starting date (earliest): 28/06/27; Remuneration: Competitive

Tasks

About the position

Our goal is to give you a real sense of what it's like to work at Jane Street full time while also providing a truly unparalleled educational experience. As an intern, you'll be paired with full-time employees who act as mentors, collaborating with you on real-world projects we actually need done.

As a Linux Engineering intern, you'll work side by side with full-timers to learn how we build and maintain the critical infrastructure underlying our firm's technology, including our production trading systems. Our work is hugely varied, both in the technical areas we work on and the ways we work. However, a consistent theme is that we typically work closer to the operating system layer, and sometimes dive as deep as the firmware or physical hardware layer. On any given day, we might be chasing a performance issue from the application layer all the way to the hardware, fixing a kernel bug, responding to an overheating datacenter in real time, analyzing data to improve the predictiveness of our monitoring systems, or building robust automation to tackle a previously manual workflow. Our purposeful blending of in-house and open source software allows us to investigate and innovate at every level.

During the program you'll spend the majority of your time working on a project, mentored closely by the full-time employees who designed it. Each project is carefully picked to challenge and develop both your in-depth understanding of Linux systems and your software engineering skills, both while delivering real value that is relevant to the challenges the firm is facing right now. Past projects have touched on a broad range of areas, including: investigating the resilience of different file system implementations at scale, automating the collection of diagnostic information from early boot failures, designing a scalable system for collecting extremely fine-grained TCP diagnostic data, or extending our infrastructure provisioning and management systems to support new forms of compute capacity.

Alongside your project work and classes, you will also get to experience real-time operational work alongside experienced full-timers. This is a unique opportunity to see how our team interacts with almost every other group: resolving emerging issues in our production infrastructure, seeing what happens when things do go wrong, and helping us

perform comprehensive root-cause analyses to ensure we learn from such mishaps.

Learn more about Jane Street's internship program [here](#).

Requirements

About you

If you've never thought about a career in finance, you're in good company. Many of us were in the same position before working here. If you have a curious mind, a collaborative spirit, and a passion for solving interesting problems, we have a feeling you'll fit right in. We're more interested in how you think and learn than what you currently know. You should be:

- Knowledgeable about operating system fundamentals and computer architecture
- Experienced with systems programming concepts like sockets, virtual memory, and the process life cycle
- Able to understand network protocols at a basic level
- Comfortable at the command-line of a Linux machine, whether that's from coursework, time spent as a systems administrator for your campus computer lab, side projects, etc.
- Fluent with basic introspection and troubleshooting common aspects of a Linux system (e.g. system health as a whole, individual processes, checking logs, etc.)
- Someone who solves problems by writing code (in any language) and is invested in robust software engineering
- Intellectually curious, collaborative, and eager to learn (including from mistakes)
- Humble and unafraid to ask questions
- A strong communicator
- Fluent in English

Application

Please apply directly through our website. Thank you!

More information at <https://stellenticket.de/207633/TUB/>

Offer visible until 14/11/26

