

FIRST DERIVATIVE



No Better  
**Start**

**PLACEMENT** PROGRAMME

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Human to  
**Human**



**WELCOME**

Welcome to an organisation full of exceptional colleagues who create new possibilities, enable innovation, deliver routine excellence and have fun in what they do.

Welcome to First Derivative.

We invite you to explore a career at First Derivative, where we take seriously our commitment to stimulate, challenge, develop, reward and care for our employees. Our growth story has been fast and dynamic, yet personable and sustainable. We treat our clients as partners, our staff as family and our shareholders as friends. This has been the secret to our success in times of volatility.

The demand for data is growing around the world. Demand for high capacity, high frequency real-time solutions is what we're all about. Meeting the demands for consultants that have deep domain knowledge coupled with technical expertise remains our sweet-spot. With our mix of training, recognition and exposure, the opportunities are endless.



People



Kick start your  
**Career**



## WHAT WE DO

For more than 25 years, First Derivative has continuously delivered industry-shaping projects for some of the largest global banks and financial institutions Capital.

With a depth of understanding and breadth of experience unequaled in the sector, First Derivative has a hard-won reputation for being able to solve the toughest operational, data, and technology challenges for its clients. Offering the industry's largest, fully Capital Markets dedicated team, First Derivative is leading the data-driven, digital revolution across the evolving Capital Markets sector. With technical, logistical, and scalable expertise unsurpassed in the industry and a reputation for operational excellence, First Derivative pushes projects further, faster, and always beyond expectations.

First Derivative is a global provider of products and consulting services to the capital markets industry. It supports institutions in designing, developing, implementing and supporting a broad range of mission critical data and trading systems across front, middle and back-office operations. Services are provided both on-site and from its strategically located Near Shore centres. We distinguish ourselves through a pragmatic and results-driven in approach, whilst remaining critically aware of the importance of quality and consistency in delivery.

We deliver various services to our clients in the areas of financial services, managed services, third party vendor services, regulatory and compliance services, and data services.



Shoulder to  
**Shoulder**

OUR CLIENTS

J.P.Morgan	CREDIT SUISSE 	MIZUHO 	UBS 	citi 	 HSBC
MERRILL LYNCH PIERCE FENNER SMITH A BANK OF AMERICA COMPANY	MUFG 	BANK OF AMERICA 	Morgan Stanley	 London Stock Exchange Group	 Goldman Sachs



## WHAT WE STAND FOR

We are First Derivative. The catalyst for our clients' business agility irrespective of their direction, specialism or rate of change. **Pioneers. Engineers. Solutioneers.** We have the world's largest, fully Capital Markets dedicated team, leading the data-driven, digital revolution across the evolving Capital Markets.

For over 25 years, we have continuously delivered industry-shaping projects for some of the largest global banks and financial institutions with often the most complex of challenges.

It's our unequalled depth of understanding and breadth of experience in accomplishing some of the toughest operational, data and technology transformations that gives us a unique perspective that can transcend all industries. Only we know how to tame and triangulate the 3 variables of change – people augmented with data, empowered by technology – by taking our strategy through to delivery, translating it into action and supporting our clients every step of the way.

Our problem-solvers and process-evolvers deliver 'Services as a Service'. All over the world. Every day. In every instance you can imagine.

Unlike anyone else, our people have been eyeball-to-eyeball with almost every banking issue the Capital Markets could face. Our data and technology expertise pushes projects further, faster and always beyond expectations.

**Side-by-side. Screen-to-screen. Shoulder-to-shoulder.** We continuously provide the specialist services and solutions, and the essential tools and tech applications to ensure every strand of data fabric – and all of our people – are pulling in the same direction.

Teaming with technical, logistical, and scalable expertise. We release our clients' constraints and instigate action with authority, ingenuity and agility to drive positive outcomes.

Transforming businesses at the optimum rate of change.



## OUR PLACEMENT PROGRAMME

On our 12-month placement program, there are no limits to what you can learn as you begin to lay the foundations for your career!

The First Derivative Placement Program is a unique learning opportunity for university students to gain professional experience and industry exposure that will prove invaluable through education and beyond. Being entrusted with high levels of responsibility from day one, you'll gain a sought-after skill set and benefit from the support of our HQ team over your year-long placement in one of the exciting positions we offer.

As a placement student, you will have access to unparalleled training opportunities through structured learning and hands-on experience. You will have access to our world-renowned Capital Markets Training Program (CMTP) to boost your long-term career prospects from day one!

Our placement students become an integral part of our team during their time with us, gaining exposure to many different areas of our business. From day one, you are a valued contributor with the opportunity to learn from your peers and experienced consultants, who can help you define your future career path.





## Placement Programme roles:

### Software Engineering:



This role is a unique opportunity for highly technical students with an interest in cutting-edge technology and the capital markets sector to work as part of our development team for a year in industry. Successful candidates will embark on an exciting placement that combines technical exposure with business insight and commercial acumen. Candidates should have a strong interest in every aspect of the software development lifecycle and can expect exposure to the latest technologies and systems such as the market-leading kdb+ database and q analytics language, machine learning applications and more. Students are guaranteed a high-quality software engineering experience with the opportunity to contribute to live projects from the beginning.

### HR & Operations:



This exciting and highly sought-after HR & Operations Placement position covers key responsibilities across a variety of areas including Human Resources, Recruitment, Training and Development, Marketing, Expenses Management and Property Support. Successful candidates will be based primarily at our global HQ in Newry and will gain invaluable experience working in the busy operational teams of a global organisation, supporting our central functions departments as we enable our business to operate efficiently and continue to grow. Candidates should have a strong interest in the area of Business Operations, possessing excellent interpersonal skills and a strong work ethic.

### Financial Engineering:



We are seeking students from Finance/Risk Management/Economics/Maths or similar degree disciplines to work as part of our team of Financial Engineers and Junior Consultants. Candidates should have a strong interest in the capital markets industry and be highly motivated self-starters with a passion for learning. Students are guaranteed a high-quality experience within the FinTech industry, gaining exposure to financial projects whilst also building a sought-after technical skill set. Successful candidates will be contributing to live projects from the outset, whether they be internally focused or client-facing. Among other responsibilities, those chosen for this position will help us continue to provide tailor-made solutions, from consulting to support models and other financial services.



## PLACEMENT PROGRAMME ROLES

All applicants must have exceptional interpersonal skills and an excellent academic record. We also require candidates with the ability to work well under instruction and as part of a team with a “can do” attitude!

What we look for in an ideal candidate:

- **Excellent academics- on track for a 2.1 classification across grading to date**
- **An inquisitive mindset and an aptitude for problem solving**
- **A confident communicator capable of internal or client interactions with the ability to present findings and articulate their business benefits**
- **A high level of attention to detail and the ability to manage their workload effectively**
- **An enthusiasm for learning and a willingness to apply themselves to training**
- **For those applying for Software Engineering roles, candidates must be able to demonstrate the technical skills they have acquired to date**

Apply on our website by filling in our short application form and uploading your CV for consideration:

With several exciting pathways to choose from, you'll find the **perfect** role for you.



Our Application Process:



[fdtechnologies.com/careers/early-careers/placements/](https://fdtechnologies.com/careers/early-careers/placements/)

Instantaneous. Continuous.  
**Momentous.**



## TESTIMONIALS

**James**



**HR & Operations**



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I was exposed to many different parts of the business and each day of my placement presented its own unique set of tasks. A major part of my role was working within the HR and Operations side of the business.

This involved everything from; helping to design the initial marketing of our roles, attending university campus events, arranging interviews, speaking to candidates about our opportunities and so much more! I was also fortunate to be supporting and liaising with senior management on what skills were needed for specific roles and putting this into practise by assisting in finding the suitable candidates. One of the best things about placement at First Derivative is the amount of responsibility that is given to you at such an early stage and knowing that your work makes a real impact on the business. Overall, a fast-paced, exciting and rewarding experience

# From placement to graduate

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**Andrew**



**Financial Engineer**



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My career with First Derivative started in June 2016 as a Financial Engineering placement student. I immediately started a role with a well-respected Canadian firm which gave me valuable experience on what it was like to interact with a client. Following on from this role, I joined a new project with a major Japanese Investment Bank based initially in London and then relocated back to Newry. I was very lucky to have been able to spend time working in the financial capital of the world during my placement year and got to meet many people who I am delighted to still call friends to this day.

I returned to FD after graduating from Queen's University in September 2018. It was great to see so many from my placement intake come back on the Graduate Programme and it says a lot about how well you are treated right from the start. I got the opportunity to move to Boston in April 2019 as a Calypso Consultant where I am to this day. It is a very rewarding role which looks at testing functionalities of the Calypso System. Before joining First Derivatives I never thought for a moment I would be living and/or working in a place like Boston. The opportunities and friends I have made along the way as a result of my time here has been extraordinary. For anyone who is looking to grow their career and is interested in travel, I highly recommend joining First Derivative.

# Your rate of change starts here

Grace



Software Engineer



I joined First Derivative as a Software Engineering placement student in June 2016, working in an application support role for a Major European Bank for just over 12 months. This was my first exposure to financial systems and software. After graduating from Software Engineering in Queens University Belfast, I rejoined First Derivative in September 2018 on the Graduate Programme. I spent 4 weeks in Newry HQ undertaking an intense KX training programme as well as enjoying the social events like the summer BBQ and karaoke at the bar Cobbles on Thursdays, before I was placed on my first project in Dublin.

I spent just under 18 months in the First Derivative Dublin office before getting a new role in Sydney, Australia, where I am currently based. I am now currently on a trade surveillance project for a national Australian bank as a kdb+ developer. Overall, I am extremely fortunate for the experience First Derivative has given me, the roles I have been placed in, the opportunity to travel and most importantly the people I have met along the way.

First Derivative is perfect for anyone who wants to learn new skills, offering a unique learning experience in both finance and technology where you can gain invaluable knowledge from experts in both industries. In First Derivative, there is a huge potential for career growth and I'm excited to see what's next for me!



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