Byte Academy

Fintech

Introduction

Byte Academy **pioneered industry-focused programs** beginning with the launch of our FinTech course, the first of its type. Our educational programs bridge the gap between "business" and technology. Offerings include Python Fullstack Software Development, Data Science, FinTech, Quant-Algos, Product Management and Blockchain.

We work with companies to develop and adapt our curriculum to teach skill-sets that match real hiring needs. We also utilize the expertise of leading business executives, industry professionals, and those passionate about education and software development to craft each course. Many of these individuals teach at Byte.

Our courses are open to individuals spanning from beginner to more advanced programming backgrounds. Some may have already had industry expertise or work experience while others are brand new to the domain that they want to study. We provide **scholarships to women** and offer a **tuition deferral program** in which eligible students pay us back after they get a job.

Course formats include onsite **full-time, part-time and remote** in addition to customized corporate training.

For more information please see www.byteacademy.co

Financial Technology

FinTech Python Full Stack

Full and Part- Time

In order to build financial applications, we first make sure your coding skills are sharp. After you have mastered these we'll combine this with FinTech industry knowledge. You will use these skills to create a portfolio of FinTech projects.

Many FinTech startup founders participate in events at Byte Academy

Technology Syllabus

Please refer to our Technology syllabus for details on the technology portion for this FinTech course. It is expected that you will be completing the entire syllabus of the "Full-Stack Python."

FinTech

Innovations in the FinTech Industry

Develop your industry knowledge and its technical tools so that you'll have a better framework to decide which area(s) of FinTech you would like to address in your projects.

There will be heavy emphasis on:

- Conceptual overview of FinTech and areas within it including lending, payments, cryptocurrency/blockchain, KYC, insurance (InsurTech), robo advisory, Regulatory tech (RegTech) and more

- FinTech technology trends and their applications. We'll introduce you to popular platforms and some widely used API's within the industry. And even hook you up with mentors from some of these companies. API's may include Xignite, Yodlee, Reuters, Bloomberg, IBM, Monax and others

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Projects

Students have to finish two or more final FinTech projects in order to graduate, one of which needs to be a group project. Many students end up completing three projects to showcase to prospective employers

Data Science Application in FinTech

Understand the Data Science concepts that are being used by FinTech companies so that you can apply these to your project work:

- Pandas data analysis

- Machine Learning and Sentiment analysis

- Time Series regression

- Overview of algorithms and statistics used in Quant Trading

Projects

Build a Portfolio and Careers

- All projects: engage in peer review, present projects to students and team members for public speaking practice; collect feedback

- Invite notables in your desired industry to your final project Demo Day

- Craft your portfolio strategy then put it together and optimize with career services

- Job interview guidance including interview-focused algorithm prep & best practices

- Meet the industry: including guest speakers and presentations by startup founders.

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Extras - Going Deeper

Some of the items below are optional and suitable only if you have sufficiently mastered your technical learning.

Enhancing Industry Knowledge

- Work with a FinTech mentor who will help guide your project work and may provide the opportunity to craft your project for his/her company

- Industry conferences and events: top students can rub elbows with some of the greatest names in FinTech via our event partnerships. Conferences in which we have access include: Finovate (NY, California, London, Hong Kong), FinDEVr (NY, California, London), Quantcon, Finance Disrupted by the Economist, more

- Attend and compete in FinTech Hackathons

FINDEVR 2017
LONDON
JUNE 12 & 13

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The
Economist

More information?

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www.byteacademy.co