

NANODEGREE PROGRAM

# Become a Blockchain Developer

Demand for blockchain developers is skyrocketing. In this program, you'll work with the Bitcoin and Ethereum protocols, build projects for real-world application, and gain the essential skills for a career in this dynamic space.

**ENROLL NOW!**

## TIME

### 2 Three-Month Terms

Study 10 hrs/week and complete in 6 mo.

## CLASSROOM OPENS

**July 10, 2018**



Blockchain demand is booming and the market is expected to grow at over **60% per year**.





## Built by Working Blockchain Developers

Advance your skills with curriculum developed by professionals working in the field, and featuring top industry experts including Balaji Srinivasan, David Jonston and Aaron Brown



## Consistent and Supportive Feedback

Benefit from personalized support from mentors, engage with a dynamic student community, and receive actionable feedback from expert project reviewers.



## Strategic Learning

Master multi-platform skills and gain experience with Bitcoin, Ethereum, and more. Prepare yourself for success in a rapidly-evolving industry with a high-demand job market.



## Experts-in-Residence

Get direct access to world-class Blockchain Developers from some of the most innovative companies in this space. Office hour sessions offer actionable guidance and support.

# Advance your Career

This program was built in collaboration with blockchain developers to ensure you learn the right skills necessary to succeed. Demand is skyrocketing and excitement is running high, but it's important to see past the headlines to learn what it really takes to be a qualified blockchain developer. This program prioritizes

## Hiring Partners

Blockchain Developers are in high demand. Create your professional portfolio with Udacity and open up a world of opportunities. Our hiring partners are [eager to meet](#) you.

## Succeed with Recruiters

Work with experienced career professionals for tailored advice on how to improve your search and impress recruiters, including [feedback on your LinkedIn](#), [resume](#), and [professional brand](#).

## Build a Great Network

40,000+ highly-skilled grads make up your new career community. Ready to collaborate, share referrals, or hire your own team? The Udacity Alumni Network is [here for you!](#)

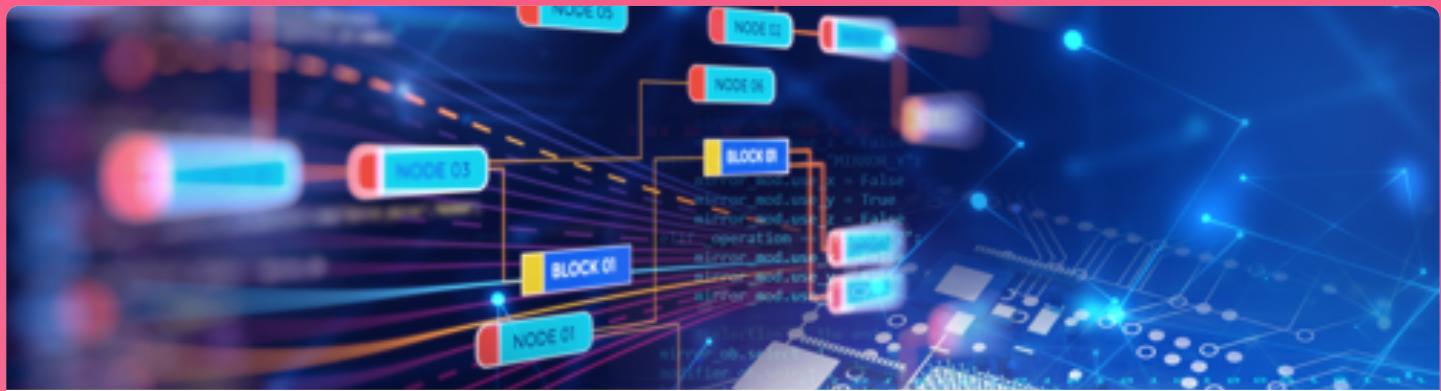
## Office Hours with our Experts-in-Residence

Connect directly with our Experts-in-Residence, an elite group of professional Blockchain Developers working in a wide range of industries. In moderated office hour sessions, you'll get actionable insights and guidance that will support your progress through the program, and help you prepare you for a successful blockchain career.

**EXPERTS IN RESIDENCE****Matt Whittington**

Factom

## What You Will Learn

**TERM 1**

## Fundamentals

Learn to identify fundamental transaction types, build a web service and API, and secure digital assets with your blockchain identity. Create a private blockchain, and a notarization web service. Use your blockchain identity to secure digital assets on the Ethereum platform with a smart contract.

**— SEE FEWER DETAILS**

3 months to complete

### ● Blockchain Identity

Learn how blockchain technology offers data privacy by implementing anonymous ID management

with your blockchain wallet address.

## MANAGING YOUR BLOCKCHAIN IDENTITY

- **Blockchain Data**

Learn to understand the data model behind blockchain by developing your own simplified private blockchain.

## CREATING YOUR OWN PRIVATE BLOCKCHAIN

- **Blockchain Web Services**

Learn how to incorporate web services to provide real-world functionality to your blockchain app.

## PRIVATE BLOCKCHAIN WEB SERVICE API

## BUILD A PRIVATE BLOCKCHAIN NOTARY SERVICE

- **Blockchain Smart Contracts**

Advance your blockchain skillset to the second generation of blockchain services with smart contracts utilizing the Ethereum network.

## BUILD A NOTARIZATION API WITH ETHEREUM BLOCKCHAIN



TERM 2

# Architecture and Applications

Begin working with blockchain architecture, and continue your exploration of second generation services by focusing on solving a supply chain problem set. Learn to start layering blockchain services with legacy integration, to further develop your multi-platform blockchain skills.

— SEE FEWER DETAILS

3 months to complete

- **Architecture**

Learn blockchain architecture and gain insights into adapting legacy systems with the layering of blockchain services.



**ARCHITECTURE**

- **Supply Chain and Data Auditing**

Advance your blockchain skillset using the supply chain problem set to promote value by auditing a distributed ledger.



**SUPPLY CHAIN AND DATA AUDITING**

- **Capstone**

For your capstone project, you are tasked with developing your own blockchain solution to solve a supply chain problem.



**CAPSTONE: SUPPLY CHAIN AND DISTRIBUTION OF PRODUCTS**

## In Collaboration with Top Industry Experts



**Balaji S. Srinivasan**

CTO OF COINBASE, BOARD PARTNER AT ANDREESSEN HOROWITZ



**David Johnston**

CHAIRMAN OF THE BOARD OF FACTOM



**Aaron Brown**

## VICE PRESIDENT OF ENGINEERING AT MADHIVE

## Learn with the best

**Brandy Camacho**

INSTRUCTOR

Brandy is Curriculum Lead for the Blockchain Developer Nanodegree program. She was previously a Lead Technical Project Manager for Udacity. She is the founder of Network Designs, specializing in architecting software solutions.

**Jessica Lin**

INSTRUCTOR

Jessica holds a Biomedical Engineering degree from Cornell University. Prior to joining Udacity, she developed and deployed enterprise healthcare technologies. She has recently taught Android Development in our Nanodegree programs.



Joe Nyzio is a Neuroscience fellow at Udacity, he's been teaching on the Data Analysis and Business

TERM 1 ✓

Blockchain Developer: Fundamentals

\$999 USD

total

or pay monthly with PayPal Credit\*

START LEARNING NOW

\*Subject to PayPal's Terms and Conditions

# Related Nanodegree Programs

## Full Stack Web Developer NANODEGREE PROGRAM

● ● ○ INTERMEDIATE



THIS PROGRAM

## Blockchain Developer NANODEGREE PROGRAM

● ● ○ INTERMEDIATE

# Program Details

## PROGRAM OVERVIEW - WHY SHOULD I TAKE THIS PROGRAM?

### Why should I enroll?

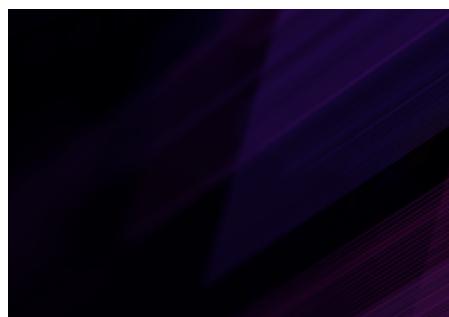
Demand for blockchain developers is growing at incredible rates, with current demand far outstripping available talent. This means wide open opportunity for anyone seeking to enter this field. Plus, blockchain is still an emerging technology, so you have the chance to

start making an impact right away. The critical differentiator in an emerging field is hands-on experience.



[SHOW MORE](#)

Blockchain Developer Nanodegree  
program

 ENROLL NOW!

## FEATURED PROGRAMS +

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## RESOURCES +

## PROGRAMS +

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## BUSINESS

## SUPPORT +

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