

Charles Fried MSc & BA(hons)
Software Developer & Cryptoasset Investor

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About Me

"I have a clear, logical & entrepreneurial mind with a practical approach to problem-solving and a drive to see things through to completion. During my degree, I successfully combined my studies with building a 3D printing company working with clients such as Rolls Royce which is now home to 26+ machines. I have a deep interest in writing software to leverage emerging technologies such as blockchain and machine learning."

My Fortes

Software

- Developed several skills for Amazon Alexa, including a Stock Market Screener with the Intrinio API
- Comfortable with writing financial smart contract with Ethereum's Solidity Language
- Familiar with a wide range of computational design algorithms (generative, simulations & optimisation)
- Working knowledge of several machine learning models, wrote a model for Airbnb price prediction with accuracy of €15

Production

- Deep experience with 3D Printing Hardware & Software (5+ years)
- Experience with various digital manufacturing technologies including robotic arms & 3-axis CNC
- Developed a consumer electronics products and communicated drawings with manufacturing plant in China

Personality

- Top writer in Technology & Design on Medium with over 15k reads. (https://medium.com/@Tech_Charles)
- Ability to lead a team, pursue a vision and bring a project to completion
- A track record of successful communication with customers having maintained a rating of 4.6/5 stars on 3D hubs, positioning Prodpoint as the no.1 3D printing hub in the North of England.
- ~9,000 followers on twitter (https://twitter.com/pencil_stroke)
- Experience in working in ambitious & high-paced start-up environment

Work Experience

- From February 2017 to November 2017 📍 Amsterdam
Technologist
Accenture / Mobgen:Lab - Innovation

 - Software development
 - Machine Learning
 - Performance Optimising System Design
- From October to December 2016 📍 Greece
Volunteering Educator & Engineer
Latra - Humanitarian Innovation Lab in Refugee Camps

 - Technology Education
 - Project Management
 - 3D Printing
- From January 2015 to February 2017 📍 London
Co-Founder / Computational designer
TypeMe - Computational Design Consultancy

 - Business development
 - Programmer & Designer
- From May 2014 to August 2014 📍 Amsterdam, London
Designer & 3D Printing Specialist & Student Ambassador
3D Hubs - World's Largest 3D Printing Platform

 - 3D Design
 - Technical customer support
 - Platform gamification
 - Speaker and organiser of GH workshop for 3D printing
 - Representative at industry show
- From November 2013 to Present 📍 London
Co-Founder
PRODPOINT 3D Printing Factory

 - Business development
 - 3D Printing Engineer
 - CAD Engineer

Education

- From August 2017 to November 2017
Machine Learning
Stanford University / Udemy , Stanford
- From September 2015 to September 2016
MSc Architecture Computation - Distinction
Bartlett School of Architecture, UCL
- From June 2015 to July 2015
Summer Entrepreneurship Program
The Hive - Nottingham Trent University
- From 2010 to July 2015
BA(hons) Industrial Design - 2.1
Nottingham Trent University
- From May 2008 to August 2010
BTEC level 3 Art & Design
Suffolk New College
- From May 2004 to August 2008
BTEC level 2 Furniture Production
Suffolk New College
- Prior 2004
High School
Various Schools in Paris

Recognition

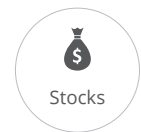
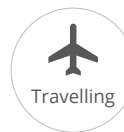


Intern of the Year Award
University contest - One of 8 finalist within 10,000 students
Nottingham Trent University, London



Boss Design Student of the Year Award
One of the six finalists
BOSS, London

Hobbies & Interests



Language Skills



Skills

01. Programming

Solidity	●●●●●●●●
Java	●●●●●●●●
Javascript	●●●●●●●●
HTML & CSS	●●●●●●●●
Arduino	●●●●●●●●
Python	●●●●●●●●
G-code	●●●●●●●●

02. Computer Software

Solidworks	●●●●●●●●
Rhino	●●●●●●●●
Grasshopper	●●●●●●●●
Adobe Creative Suite	●●●●●●●●
Microsoft Office	●●●●●●●●
Keyshot	●●●●●●●●
V-ray	●●●●●●●●

02. 3D Printing

Simplify 3D	●●●●●●●●
Cura	●●●●●●●●
Slic3r	●●●●●●●●
Netfabb	●●●●●●●●
Meshmixer	●●●●●●●●

04. Area

