

Martin

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TECH

Django (9 years), Python (11 years), Numpy, SciPy, Django, Pandas, Haskell, Bitcoin, Ethereum, PostgreSQL, Redis, MongoDB and many others...

EXPERIENCE

API developer, contract
OpenSignal, London

June - November 2018

- Fixed contract (extended) to develop API for SPA project, started from scratch.
- We created three individual products based on an existing data-pipelines.
- Sales team was happy.
- Maintainable, well documented and tested code that can be further extended internally. Cooperated with about seven other developers.
- Managed to eat about 5kg cookies and three litters of coffee every day.

Project lead developer, contract
AgFunder Inc., San Francisco, CA

May 2017 - May 2018

- I was responsible for managing two developers working on the project.
- Provided expertise and advice on architectural decisions. I have been praised several times for opposing technical solutions that I did not see maintainable and for proposing better alternatives.
- I made sure code-base was kept clean with tests and according to standards. Moreover I convinced other members why we all should be doing this.
- I wrote comprehensive reports to benchmark and compare different technologies we could use which increased the confidence in the decisions we later took.

Fullstack developer, contract

March 2015 - Ongoing

Webarchive of National Library of the Czech Republic

- Designed database, data migration process. UI and business logic.
- Survived government speak and got through process of two public contracts.

Researcher

June - December 2016

Slushpool.com (Remote)

- Researched Ethereum mining algorithms and ecosystem.
- Designed working prototype of Ethereum mining pool.

Django backend Developer

April 2015 - April 2016

coex.cz, digital agency in Prague (full-time)

- Python, Django, PostgreSQL and many other technologies.
- I enjoyed working on a broad spectrum of projects across the industries.
- I experienced how is it to work in teams on projects where many parties have to cooperate and influence final decisions.

Freelance

2010 - 2015

Visio Netmedia, Nedaleko Gastro Group and other clients

- Example websites: vycepnastojaka.cz, klckrystof.cz, filtracnitechika.cz
- Worked in two startups - TopSceneries (co-founded) and Projectionaut, both of them failed but nevertheless it was a great experience.

REVIEWS

Robin Ranjit Singh Chauhan

Head of Engineering, AgFunder

Martin is highly skilled and a pleasure to work with. Technically he is very competent in the various technologies we used. I have worked with many developers, and have found that technical competence alone is not sufficient – he also brings tenacity and strong soft skills which are key for more advanced work.

He often foresees issues in advance, and is skilled at navigating the many decisions that need to be made in designing good systems. He thinks through implications and edge cases, and can explain his thinking clearly, which is rare. He writes and diagrams clearly to convey and convince with his technical findings, which benefits the team.

He is a leader, successfully managing two other developers on our projects with great results.

I recommend Martin without reservation.

INFORMAL

I spent most of my time reading about computer science and programming, its gotten to the point where all I can see really is the hammer. I try to combat this, talking to people from different backgrounds, trying to see their point of view. One of the best way to see other angles for me has been academic debating, I have been through hundreds of hours of debates as debater and later an adjudicator. I have debated with lawyers, judges and academics. I learned to recognize their biases and in the same way learned to observe my own.

I am opinionated and over the years I have been proven wrong many times so I learned to recognize my mistakes and listen to my opponents with open mind.

AWARDS

Facebook White Hat bounty award, \$6500	2013
Senior UK Mathematical Challenge, <i>silver</i>	2013
Intermediate UK Mathematical Challenge, <i>bronze</i>	2012
Gold Badge, Czech Debating Association	2014
The Duke of Edinburgh Award, <i>Gold, Silver, Bronze</i>	2014, 2012, 2011

FORMAL

Name:	Martin S.
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