

Schubert Hervey Laforest

JR. DATA SCIENTIST ·

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"A model is a simplification of reality."

Summary

Recent Data Science Immersive graduate from General Assembly. 4+ years experience specializing in analytics, digital marketing strategy, and business development. the backend development, infrastructure automation, and computer hacking/security. Super nerd who loves Vim, Linux and OS X and enjoys to customize all of the development environment. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.

Career Related Work Experience

General Assembly

Boston, MA

DATA SCIENCE IMMERSIVE FELLOW

Apr. 2018 - Jul 2018

- Collected, extracted, queried, cleaned, and aggregated data for analysis
- Performed visual and statistical analysis on data using Python and its associated libraries and tools
- Built, implemented, and evaluate data science problems using appropriate machine learning models and algorithm.
- Used appropriate data visualizations to communicate findings and create clear and reproducible reports to stakeholders.
- Learned to identify big data problems and articulate how distributed systems and parallel computing technologies (i.e AWS, Databricks) are solving these challenges.
- Applied question, modeling, and validation problem-solving processes to datasets from various industries to provide insight into real-world problems and solutions.

Flatbook (now Sonder)

Montreal, QC

DIGITAL MARKETING SPECIALIST

Mar. 2015 - Nov. 2016

- Developed marketing strategies for projects, including the company website and social media, while also pursuing alternative marketing channels (i.e Zillow, Zumper, Padmapper, Craigslist)
- Ensured creative marketing materials underwent regular review and adhered to brand guidelines, as well as analyzing all online presence data to determine campaign efficiency as per our brand objectives and KPIs
- Maintained our database and tracking the progress of all leases signed and tenant profiles, ensuring city team CRMs were up to date.
- Coordinated the migration and development of growing client base as we rebranded the company and prepared for our Series A fundraising round

R.O.K Cyber Command, MND

Seoul, S.Korea

SOFTWARE ENGINEER & SECURITY RESEARCHER (COMPULSORY MILITARY SERVICE)

Aug. 2014 - Apr. 2016

- Lead engineer on agent-less backtracking system that can discover client device's fingerprint(including public and private IP) independently of the Proxy, VPN and NAT.
- Implemented a distributed web stress test tool with high anonymity.
- Implemented a military cooperation system which is web based real time messenger in Scala on Lift.

NEXON

Seoul, S.Korea & LA, U.S.A

GAME DEVELOPER INTERN AT GLOBAL INTERNSHIP PROGRAM

Jan. 2013 - Feb. 2013

- Developed in Cocos2d-x an action puzzle game(Dragon Buster) targeting U.S. market.
- Implemented API server which is communicating with game client and In-App Store, along with two other team members who wrote the game logic and designed game graphics.
- Won the 2nd prize in final evaluation.

ShitOne Corp.

Seoul, S.Korea

SOFTWARE ENGINEER

Dec. 2011 - Feb. 2012

- Developed a proxy drive smartphone application which connects proxy driver and customer.
- Implemented overall Android application logic and wrote API server for community service, along with lead engineer who designed bidding protocol on raw socket and implemented API server for bidding.

SAMSUNG Electronics

S.Korea

FREELANCE PENETRATION TESTER

Sep. 2013, Mar. 2011 - Oct. 2011

- Conducted penetration testing on SAMSUNG KNOX, which is solution for enterprise mobile security.
- Conducted penetration testing on SAMSUNG Smart TV.

Honors & Awards

INTERNATIONAL

2017	Finalist , DEFCON 25th CTF Hacking Competition World Final	Las Vegas, U.S.A
2014	Finalist , DEFCON 22nd CTF Hacking Competition World Final	Las Vegas, U.S.A
2013	Finalist , DEFCON 21st CTF Hacking Competition World Final	Las Vegas, U.S.A
2011	Finalist , DEFCON 19th CTF Hacking Competition World Final	Las Vegas, U.S.A

DOMESTIC

2015	3rd Place , WITHCON Hacking Competition Final	Seoul, S.Korea
2017	Silver Prize , KISA HDCON Hacking Competition Final	Seoul, S.Korea
2013	Silver Prize , KISA HDCON Hacking Competition Final	Seoul, S.Korea

Presentation

DevFest Seoul by Google Developer Group Korea

[Seoul, S.Korea](#)

PRESENTER FOR <HOSTING WEB APPLICATION FOR FREE UTILIZING GITHUB, NETLIFY AND CLOUDFLARE>

[Nov. 2017](#)

- Introduced the history of web technology and the JAM stack which is for the modern web application development.
- Introduced how to freely host the web application with high performance utilizing global CDN services.

6th CodeEngn (Reverse Engineering Conference)

[Seoul, S.Korea](#)

PRESENTER FOR <DEFCON 20TH : THE WAY TO GO TO LAS VEGAS>

[Jul. 2012](#)

- Introduced CTF(Capture the Flag) hacking competition and advanced techniques and strategy for CTF

Writing

A Guide for Developers in Start-up

[Facebook Page](#)

FOUNDER & WRITER

[Jan. 2015 - PRESENT](#)

- Drafted daily news for developers in Korea about IT technologies, issues about start-up.

Program Committees

2016	Problem Writer , 2016 CODEGATE Hacking Competition World Final	S.Korea
2013	Organizer & Co-director , 1st POSTECH Hackathon	S.Korea

Education

POSTECH(Pohang University of Science and Technology)

[Pohang, S.Korea](#)

B.S. IN COMPUTER SCIENCE AND ENGINEERING

[Mar. 2010 - Aug. 2017](#)

- Got a Chun Shin-II Scholarship which is given to promising students in CSE Dept.

Extracurricular Activity

PoApper (Developers' Network of POSTECH)

[Pohang, S.Korea](#)

CORE MEMBER & PRESIDENT AT 2013

[Jun. 2010 - Jun. 2017](#)

- Reformed the society focusing on software engineering and building network on and off campus.
- Proposed various marketing and network activities to raise awareness.

PLUS (Laboratory for UNIX Security in POSTECH)

[Pohang, S.Korea](#)

MEMBER

[Sep. 2010 - Oct. 2011](#)

- Gained expertise in hacking & security areas, especially about internal of operating system based on UNIX and several exploit techniques.
- Participated on several hacking competition and won a good award.
- Conducted periodic security checks on overall IT system as a member of POSTECH CERT.
- Conducted penetration testing commissioned by national agency and corporation.