

# Luca Santarella

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## Work Experience

**AgShift – [agshift.com](http://agshift.com) – Startup focusing on using machine learning to address key aspects of the food supply chain.**

### **Full Stack Software Developer**

03.2017 – present

Responsibilities include architecting both frontend and backend services for utilizing observational data to enhance machine learning algorithms to automate process along the produce supply chain. Infrastructure development is also a key aspect of creating both these services.

**HealthStock – [healthstock.net](http://healthstock.net) – Utilizing patient-reported outcomes with physician suggested treatments to enhance the medical treatment process.**

### **Full Stack Software Developer**

01.2017 – present

Responsibilities include architecting both a HIPAA compliant backend service and infrastructure as well as a fast, intuitive frontend for both patients and doctors to use. All backend services are encrypted to ensure any and all PHI is kept safe and secure.

**DocSpera – [docspera.com](http://docspera.com) – Silicon Valley startup which focuses on surgical case scheduling and HIPAA-compliant messaging services.**

### **Software Developer – Internship**

11.2015 – 12.2016

Responsibilities included maintenance of Android applications, backend software development, and frontend UI maintenance. Company sponsored trips to DocSpera HQ in Sunnyvale, CA whenever availability permitted.

### **Software Developer**

01.2017 – present

Daily responsibilities encompass all aspects of modern web app development – backend API development, frontend JS web development, Android-based mobile application engineering.

**LMS Consulting – [lucasantarella.com](http://lucasantarella.com) – Freelance technical consulting and software development.**

09.2016 – present

Technical consulting and software development services available on a contractual basis. Some prominent projects include a custom credit card payment portals, remote NAS file storage services and data redundancy systems, full-scale web application (backend APIs and frontend JS) development.

**Corentec America, Inc. – [corentec.com](http://corentec.com) – Korea-based medical device manufacturer with American offices based on Torrance, CA. and Morristown, NJ.**

### **IT Systems Administrator**

03.2015 - 09.2015

Responsibilities included management and maintenance of company infrastructure (such as email servers, firewalls, Citrix application hosting, Active Directories, etc.), and providing on-site technical support.

**Software Developer**

09.2015 - 08.2016

Responsible for developing all software aspects of a Medical Device “Rep-Less” business model. Skills required for this task included customer outreach by meeting with surgeons and healthcare staff to gain user input as well as the ability to translate customer feedback into tangible product results.

## **References**

Available on request.