

Luca Santarella

Full Stack Software Developer

Experience

2017-01 - present	Full Stack Software Developer <i>DocSpera, Inc. - Sunnyvale, CA</i> <ul style="list-style-type: none">Developed a full stack mobile application to track patient progress through the episode of carePioneered quality assurance processes, including unit testing and documentation of testsImplemented full service backend framework in PHP / MySQL / Solr with API exposition in REST/JSONDeveloped integration tools for connecting EMRs with DocSpera backend
2017-01 - present	Full Stack Software Developer <i>Healthstock, Inc. - Sunnyvale, CA</i> <ul style="list-style-type: none">Demonstrated HIPAA compliance in handling all patient health informationImplemented a secure backend service with security measures to ensure patient and physician health information remains secure and uncompromisedDeveloped lighting fast single page frontend application with client side caching to ensure excellent mobile and desktop performance
2017-03 - 2017-07	Backend Developer <i>AgShift, Inc. - San Jose, CA</i> <ul style="list-style-type: none">Blended machine learning with computer vision to enable a fully transparent and digitized food selection and distribution systemDeveloped the frontend and backend architecture to utilize observational data to enhance machine learning algorithms
2015-09 - 2016-08	Software Developer <i>Corentec America, Inc. - Morristown, NJ</i> <ul style="list-style-type: none">Architected a medical device “Rep-Less” business modelPlanned, developed, and executed the creation of of a medical device logistics system, implementing both inventory management and accounting principlesConducted outreach programs by meeting with surgeons and healthcare staff to gain user input and translate customer feedback into tangible product results
2015-03 - 2015-09	IT Systems Administrator <i>Corentec America, Inc. - Morristown, NJ</i> <ul style="list-style-type: none">Provisioned Exchange and Active Directory server systems for internal company communicationsManaged and maintained company infrastructure and provided on-site technical support

Education

2018-08 - present	The Cooper Union for the Advancement of Science and Art <ul style="list-style-type: none">Bachelor of Science in Computer Engineering and Digital Logic Design
2014-08 - 2018-06	Oratory Preparatory School, High School Diploma <ul style="list-style-type: none">Top 10% of classInducted into the Cum Laude Society, an international society dedicated to honoring scholastic achievement in secondary schools

Personal Info

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Skills

PHP	<div><div></div><div></div><div></div><div></div><div></div></div> Excellent
MySQL	<div><div></div><div></div><div></div><div></div><div></div></div> Advanced
NoSQL / MongoDB	<div><div></div><div></div><div></div><div></div><div></div></div> Proficient
jQuery	<div><div></div><div></div><div></div><div></div><div></div></div> Advanced
BackboneJS	<div><div></div><div></div><div></div><div></div><div></div></div> Excellent
CSS3	<div><div></div><div></div><div></div><div></div><div></div></div> Advanced
Apache Solr	<div><div></div><div></div><div></div><div></div><div></div></div> Excellent
Unit Testing	<div><div></div><div></div><div></div><div></div><div></div></div> Excellent
Docker	<div><div></div><div></div><div></div><div></div><div></div></div> Excellent