

# Dylan DiGeronimo

Software Engineer  
Parsippany, NJ

dylandigeronimo1@gmail.com  
862 219 2439  
ddigeronimo.github.io

## Education

Stevens Institute of Technology  
B.S. in Computer Science with Honor  
Hoboken, NJ | May 2020  
Honors: Dean's List, Presidential Scholar,  
Pinnacle Scholar, CHI Scholar

## Skills & Tools

Java, JavaScript, Python, Rust, Git, Unix, MySQL, MongoDB, Adobe Experience Manager, Node, Express, React, Flask, Ansible, AWS EC2, Agile Methods, Project Management, Documentation and Technical Writing, System Administration

## Organizations

Free Ebook Foundation  
Volunteer Developer and Project Manager  
Sep 2019 - May 2020

WCPR - Castle Point Radio  
General Manager, Programming Manager, Systems Administrator  
Mar 2017 - Dec 2019

## Projects

HungerLog | Hunger Tracking Android Application  
Allowed users to log hunger level, associated emotions, and meal pictures before and after eating. Automatically exported these logs to CSVs to facilitate data analysis. Developed Summer 2018.

Market Moods | Stock Prediction Web Application  
Provided suggestions on whether to make investments based on textual sentiment analysis of recent news articles sourced from the New York Times Article Search API. Flask-based and styled with Bootstrap. Developed Summer 2019.

## Experience

Scholastic | Associate Software Engineer  
New York, NY | July 2020 - Present

- Contributed to the full stack of Adobe Experience Manager-based digital Classroom Magazine websites as well as other web-based educational products, using Java, Javascript, SCSS, and AngularJS.
- Collaborated with Product Owners, Magazine Editors, and Designers to ensure site components were implemented as desired amid changing business requirements.
- Streamlined the cookie system used across over twenty five sites by creating a system to serve product thumbnail URLs, reducing overall cookie size by up to 60%.
- Ported an automated order entry system from an Adobe Experience Manager codebase into a Spring Boot API used across the company, reengineering it in the process.
- Implemented an authentication system tailored for large organizations and allowing for multiple authentication methods to Scholastic's new Learn at Home product.

Deutsche Bank | Technology Analyst Intern  
New York, NY | Jun 2019 - Aug 2019

- Worked as part of a team developing software that created real-time risk reports for equities traders.
- Built tools used to automate the addition of new credit default swap indices into eTrading databases.
- Created POC for integration of streaming libraries into high data volume financial applications.
- Developed full stack of web application used to predict stock performance using sentiment analysis of news articles.
- Wrote unit tests that were used as part of a production continuous integration system.

Health and AI Lab | Undergraduate Research Assistant  
Hoboken, NJ | Jun 2018 - May 2019

- Assisted in research under Dr. Samantha Kleinberg involving Machine Learning and Bioinformatics
- Designed and ran a pilot research experiment to explore correlations between physiological signals and hunger.
- Created an Android application to facilitate data logging by trial participants.
- Worked with wearable devices to read and interpret biometric data.
- Used machine learning tools to develop an algorithmic hunger prediction model.