

EDUCATION	<p>Carnegie Mellon University Pittsburgh, PA 2014 – 2018</p> <ul style="list-style-type: none">• Major: Statistics and Machine Learning• Relevant Courses: Fundamentals of Programming and CS, Algorithms and Advanced Data Structures, Principles of Software Construction, Introduction to Machine Learning, Statistical Inference, Interactive Art and Computational Design, Data Visualization & Design, Machine Learning with Large Datasets (Fall 2016), Practical Data Science (Fall 2016) <p>Lynbrook High School San Jose, CA 2010 – 2014</p>
SKILLS	Python Java R C HTML CSS JavaScript Node Angular D3 Django Hadoop Spark SQL Photoshop
WORK EXPERIENCE	<p>Salesforce Software Engineering Intern San Francisco, CA May 2016 – August 2016</p> <ul style="list-style-type: none">• Contributed core features to Argus, an open-source infrastructure data monitoring and visualization platform:<ul style="list-style-type: none">○ Anomaly Detection – Built a versatile anomaly detection system in Java that identifies outliers in both seasonal and non-seasonal time series data through unsupervised machine learning techniques. Engineers can use this feature to receive alerts when anomalies arise in their infrastructure data.○ Metric Search – Developed search and autocomplete functionality to enable users to easily find metrics available on the Argus platform. <p>CREATE Lab Technical Research Assistant Carnegie Mellon University Feb 2015 – May 2016</p> <ul style="list-style-type: none">• Working on software for the Speck Sensor, an indoor air quality monitor that is empowering people to understand and take control of their air quality• Used Javascript to develop a map-based visualization of air pollution in U.S. cities that pulls real-time data from federal air quality sensors (Link: git.io/vKwa8) <p>Palo Alto Networks Software Engineering Intern Santa Clara, CA May 2015 – August 2015</p> <ul style="list-style-type: none">• Developed a bug tracking and analytics tool to replace an existing Bugzilla system and support engineers with real-time bug information, metrics, and visualizations• Implemented both the back-end and front-end of the internal web application using Python, Tornado, SQL, Redis, HTML, CSS, and Javascript <p>CK-12 Foundation Content Intern Palo Alto, CA June 2014 – August 2014</p> <ul style="list-style-type: none">• Created interactive Flash-based modules to illustrate math and science concepts• Led an intern-driven marketing effort to reach out to teachers and school district officials
PROJECT EXPERIENCE	<p>Semi-Intelligent Image Classifier Link: youtu.be/YFS7H9gxW5A</p> <p>The Semi-Intelligent Image Classifier lets users train and test their own image classifiers using a simple web interface. The app brings the power of machine learning to the common man, letting them use a classification algorithm without having to write any code.</p> <p>Predators of the Sky Link: git.io/vK2iw</p> <p>Predators of the Sky is a powerful data visualization that sheds light on the U.S. government's secretive drone program. It contains a map displaying 610 drone strikes in the Middle East and a grid of satellite images of the actual drone strike locations.</p> <p>HubUp Link: hubup.herokuapp.com</p> <p>HubUp is a web application that allows users to create and discover public events.</p>
EXTRA-CURRICULAR EXPERIENCE	<p>Moneythink CMU Carnegie Mellon University September 2014 – December 2015</p> <ul style="list-style-type: none">• Taught personal finance in Pittsburgh high schools to boost youth financial literacy• Led other mentors in planning and teaching engaging lessons as Mentor Captain