

Orens Xhagolli

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My goal is to build end-to-end, scalable, state-of-the-art Machine Learning solutions.

Education

- **Rochester Institute of Technology** **Rochester, NY**
B.S./M.S. Degree in Computer Science, Magna Cum Laude 2014 - 2018

Employment

- **Microsoft** **Redmond, WA**
Software Engineer, Amplify Mar. 2019 - Present
Developing tools to help scale data science processes and metrics generation across the company.
- **Emeritus Institute of Management** **Singapore**
Learning Facilitator, Columbia University Nov. 2018 - Mar. 2019
Applied Machine Learning course staff. Held office hours and webinars, and supervised homework assignments.
- **Rochester Institute of Technology** **Rochester, NY**
Graduate Teaching Assistant, Department of Computer Science Aug. 2018 - December, 2018
Held recitations, office/tutoring hours. Part of the intro to CS sequence (CS1, CS2, CSAPX) staff.
- **Microsoft** **Redmond, WA**
Data Science Intern, Amplify Summer 2018
Timeseries analysis through classical (ARIMA) and deep learning (LSTM, GRU) models for predicting Net Promoter Score metrics that would drive business decisions for all Microsoft Office products.
- **Intuit** **San Diego, CA**
Software Engineering Co-op Jan. 2017 - Jul. 2017
Built an automated machine learning model generator, based on 13 million customers' data that allows engineers to prototype quickly. Refactored TurboTax core data services to interface with GraphQL queries.

Technical Skills

- **Programming Languages:** Python, Java, C, Matlab
- **Frameworks:** Flask, numpy, pandas, Keras, SpringMVC

Projects

- **Sparker** Retrofittable self-driving car kit.
- **TrackVirus** Heatmap generator for the Zika virus based on CDC data and ML models that predict current spread.
- **Chalk** Smart calendar that prioritizes work using topological sorting.

Awards

- **MLH Prime** - *Best Twitter Dev. Award*, Best use of the Twitter API, through TrackVirus.
- **UBHacking** - *Best Health Hack*, Reminder service for medicine using the Twilio API.

Activities

- **BrickHack** Organizer ('15, '16, '17), RIT's flagship annual hackathon.