

Tom Meagher

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EDUCATION

Worcester Polytechnic Institute

(WPI) | Worcester, MA

January 2016 – May 2017

Master of Science, Data Science

GPA: 3.9/4.0

Worcester Polytechnic Institute

(WPI) | Worcester, MA

August 2011 – May 2015

Bachelor of Science, Information Systems

GPA: 3.64/4.0

SKILLS

Languages Python • Javascript • C# • Swift • R • HTML • CSS (Sass)

Frameworks Django • Flask • Vue.js • .NET

Databases Postgres • MySQL • SQL Server

Data Science Pandas • NumPy • SciPy • Scikit-Learn • Seaborn • D3.js

Tools Git • Grunt • Webpack • Anaconda • R Studio • Xcode • Sketch • OS X

OPEN SOURCE

Django Username Email

github.com/tmm/django-username-email

Created Django package for using email address as Auth User's username.

EXPERIENCE

Sapient | Associate Software Engineer

July 2015 – Present | Bangalore, India & Boston, MA

- Created custom visualizations for high-dimensional data using **D3.js**
- Programmed back-end **RESTful API** endpoints in **C#**
- Developed user interfaces using proprietary **Javascript framework**

Monster.com | Technology Intern

June 2014 – August 2014 | Weston, MA

- Prototyped user interfaces for Monster.com web properties
- Presented new features to product management team
- Wrote user stories and epics for scrum team

PROJECTS

Cycling Through Models: Predicting BikeShare Rental Behavior

November 2016 | github.com/tmm-archive/ds502-project

- Explored and preprocessed data using Python and **Pandas**
- Trained/tested models (GAM, neural network) using **k-Fold CV**
- Communicated results to **~60 Masters and PhD students**

NewsWorthy: Online content popularity prediction tool

March 2016 – May 2016 | github.com/tmm/ds501

- Used Pandas, **NumPy** to manipulate **39.7k Mashable.com articles**
- Performed **ensemble learning** with structure-based article features
- Pitched data product to investors during mock Shark Tank

GoWilbur.com: Budget tracking web app

November 2016 – January 2016 | github.com/tmm-archive/wilbur

- Developed web app using **Python** and **Django**
- Configured Ubuntu server with Nginx, **Postgres**, uWSGI, Let's Encrypt
- Created interfaces with **HTML**, **Sass**, and Javascript

Time Machine: Re-discover the best products from Product Hunt

January 2015 | meagher.co/TimeMachine

- Designed iOS app assets and icon in **Sketch**
- Programmed in **Swift** and used the Product Hunt API
- **3.5k** App Store **installations**, 243 upvotes on Product Hunt