

Paul D'Amora

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Education

University of Vermont

B.S. IN COMPUTER SCIENCE (MINOR IN ECONOMICS)

[Burlington, Vermont](#)

Fall 2013 - Spring 2017

Professional Experience

Digital Curricula Preparation

COLLEGE OF ENGINEERING AND MATHEMATICAL SCIENCES

- Developed software to automate the majority of the course material digitization using Node.js.
- Using this software I was able to prepare a large number of digital course materials for online upload.

[Burlington, Vermont](#)

Jan. 2017 - Jun. 2017

STEM Personal Tutor

DEPARTMENT OF COMPUTER SCIENCE, UNIVERSITY OF VERMONT

- Provided one-on-one tutoring and academic support to a group of non-traditional students enrolled in a CS certificate program, considerably increasing their performance and understanding of material.

[Burlington, Vermont](#)

Sep. 2016 - Dec. 2016

Engineering Intern

UNION STREET MEDIA

- Markedly improved platform stability by optimizing code and removing the vast majority of errors in logs (> 95%), to improve future debugging.
- Increased daily developer productivity by developing an IRC plugin in PHP to organize daily “standup” meetings through IRC.

[Burlington, Vermont](#)

Jun. 2015 - Aug. 2015

UVM Bored Team Lead

STUDENT LIFE, UNIVERSITY OF VERMONT

- Oversaw campus-wide event marketing to students via social media, web, and email, seeing a notable increase in web traffic
- Supervised a team of students and organized team-wide goals and communications to the campus and local businesses.

[Burlington, Vermont](#)

May 2016 - May 2017

Skills

Language Proficiencies Python, Javascript, Java, Matlab, PHP, C, HTML5/CSS3

Frameworks **Python:** Flask, Keras (Tensorflow), Numpy, PyQt - **Javascript:** Node.js, jQuery, Express, Electron, Mocha

VCS & Methodologies **Version Control:** Git - **Methodologies:** Agile, Scrum

Projects

NatGeoBackground

INDEPENDENT WORK | JAVA

- A Java command-line app which automatically downloads the National Geographic Photo of the Day and changes it to your desktop background.

[source](#) 📄

Sep. 2017

Forest

INDEPENDENT WORK | PYTHON

- Forest is a machine learning application which takes an image of a leaf, processes it using OpenCV, extracts features using Numpy and Scipy, predicts the plant species of the leaf using Keras (Tensorflow), and then displays data using Flask.

[source](#) 📄

Dec. 2016 (Incomplete)

CourseApp

UVM CS FAIR (INDEPENDENT WORK) | PYTHON, HTML/CSS

- A Python web application to make it easier for students to choose courses.

[source](#) 📄

Dec. 2014

Leadership & Involvement

Aug. 2015 & Aug. 2016 **INTERN: UVM Service TREK**, UVM Service TREK (Animal Rescue & State Park)

Mar. 2015 **AWARD: Third Place**, UVM State Street 1st Annual Agile Codefest

Mar. 2015 **VOLUNTEER: Alternative Spring Break**, UVM ASB – Once Upon a Time in Appalachia

[Vermont](#)

[Burlington, Vermont](#)

[Maryville, Tennessee](#)