

Paul D'Amora

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Education

University of Vermont

BACHELOR OF SCIENCE IN COMPUTER SCIENCE (MINOR IN ECONOMICS)

Burlington, Vermont

Fall 2013 - Spring 2017

Professional Experience

Engineering Intern

UNION STREET MEDIA

Burlington, Vermont

Jun. 2015 - Aug. 2015

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

Digital Curriculum Developer

COLLEGE OF ENGINEERING AND MATHEMATICAL SCIENCES, UNIVERSITY OF VERMONT

Burlington, Vermont

Jan. 2017 - Jun. 2017

- Developed custom software to automate the process of creating virtually accessible course materials and uploading those materials to the web.

Computer Science Personal Tutor

DEPARTMENT OF COMPUTER SCIENCE, UNIVERSITY OF VERMONT

Burlington, Vermont

Sep. 2016 - Dec. 2016

- 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.

Social Media Marketing Lead

DEPARTMENT OF STUDENT LIFE, UNIVERSITY OF VERMONT

Burlington, Vermont

Oct. 2013 - May 2017

- Implemented website and social media analytics to inform on future marketing decisions, 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.

Skills

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

Frameworks Python: Flask, scikit-learn, NumPy, PyQt - **Javascript:** Node.js, Express - **HTML5/CSS3:** Bootstrap

Databases MySQL, MongoDB, SQLite

Projects

SoundArt

INDEPENDENT WORK | PYTHON, JAVASCRIPT

source 🔗

Mar. 2018

- SoundArt is a Flask web application which allows users to upload audio files which are then processed into a waveform and served as a static image.

Forest

INDEPENDENT WORK - (INCOMPLETE) | PYTHON

source 🔗

Dec. 2016

- 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 and results using Flask.

TravLog

UNIVERSITY OF VERMONT - CS 275 | SWIFT

source 🔗

Dec. 2015

- An iOS app to collect data on user's travel habits via surveys and data logging, in order to improve transit systems.

Leadership & Involvement

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

Vermont

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

Burlington, Vermont

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

Maryville, Tennessee